



# AIP Congress 2018

## Oral Presenter Abstracts



First Name	Last Name	Organisation	Paper Title	Abstract
Snezhana I.	Abarzhi	University of Western Australia	On the fundamental of Rayleigh-Taylor instability and interfacial Rayleigh-Taylor mixing	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2a55482986464599b25282ee59e4ad5c">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2a55482986464599b25282ee59e4ad5c</a>
Snezhana I.	Abarzhi	University of Western Australia	Maximum initial growth-rate of strong-shock-driven Richtmyer-Meshkov instability	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/8f1d594d0a6c4ff09657e16020646f55">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/8f1d594d0a6c4ff09657e16020646f55</a>
Banafsheh	Abasahl	Imec	Towards Low-Power Reconfigurable Photonic ICs Based on MEMS Technology	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/6962b0709224421997c5c1a5696d276e">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/6962b0709224421997c5c1a5696d276e</a>
Ilkhom	Abdurakhmanov	Curtin University	Proton impact differential ionisation of atomic hydrogen	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f234f5f91e4dff87cacfd9cd09c697">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f234f5f91e4dff87cacfd9cd09c697</a>
Raphael	Abrahamo	University of Queensland	The Quest for Nonclassicality using Number-Resolving Single-Photon Detectors	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/37df22e7c8b140bbbc2d7e997e27a49">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/37df22e7c8b140bbbc2d7e997e27a49</a>
Kendall	Ackley	Monash University	Astrophysical transients in the era of gravitational wave astronomy	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c19b7655e20f4aaf99bd41692875a853">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c19b7655e20f4aaf99bd41692875a853</a>
Igor	Aharonovich	University of Technology Sydney	Quantum technologies with Hexagonal Boron Nitride	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/cfa1ef47c1374a7785f03717eec20b81">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/cfa1ef47c1374a7785f03717eec20b81</a>
Rajour	Ako	RMIT University	Fabrication of free-standing, high-efficiency terahertz devices using cyclo olefin co-polymer	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2bd56b3151e747a18506ae99ec1c0c91">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2bd56b3151e747a18506ae99ec1c0c91</a>
Shukhrat	Alladustov	Curtin University	Convergent close-coupling approach to proton collisions with helium	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/a7ab64c65fd64991b4436268b3535e88">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/a7ab64c65fd64991b4436268b3535e88</a>
Paul	Altin	Australian National University	Robust thermo-optic stabilisation of optical springs	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/90a27bd04ac34becab35cc6b405cfc44">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/90a27bd04ac34becab35cc6b405cfc44</a>
Alaleh	Aminzadeh	La Trobe University	New Diffractive Optics for Soft X-ray Ptychography	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/a96ec7d0fc0c4a4a87641dd16516b9f9">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/a96ec7d0fc0c4a4a87641dd16516b9f9</a>
Mikkel F	Andersen	University of Otago	Survival resonances in a dissipatively driven atom optics system and their application to gravity measurements	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/148caa127b454ffca0460dab5ec47250">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/148caa127b454ffca0460dab5ec47250</a>
Malcolm	Anderson	Universiti Brunei Darussalam	Progress on solving the Einstein-Dirac equations for a massive sterile neutrino	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d54f591612e84c8c9fb8e4d468c135d">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d54f591612e84c8c9fb8e4d468c135d</a>
Gunther	Andersson	Flinders University	Metal Clusters on Surfaces for Photocatalysis Applications	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c4745f74988945ad9744813d605ef6e7">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c4745f74988945ad9744813d605ef6e7</a>
Elizabeth	Angstmann	University of New South Wales	Using online testing effectively in a large first year physics course	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d1f136060444458eb8cce5a272214797">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d1f136060444458eb8cce5a272214797</a>
Jarek	Antoszewski	University of Western Australia	Recent advances in IR imaging focal plane arrays technology at UWA	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/967834873b4b4bdfac575d1f320e9369">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/967834873b4b4bdfac575d1f320e9369</a>
Natalia	Ares	University of Oxford	Circuit optomechanics with carbon nanotubes and nm-thick membranes: towards quantum motion	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d53ec4d642ec4d53b2e705227e354042">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d53ec4d642ec4d53b2e705227e354042</a>
Amir	Asadpoor Darvish	ARC Centre of Excellence in Exciton Science	Spin Coherence and Dynamics of Singlet Fission in Molecular Dimers	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/78daca25b81f461aa4637aa696983c03">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/78daca25b81f461aa4637aa696983c03</a>
Markus	Aspelmeyer	University of Vienna	Quantum optomechanics in gravity (quantum) experiments	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/07d31e5b47d7428cb40686e316718706">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/07d31e5b47d7428cb40686e316718706</a>
Markus	Aspelmeyer	University of Vienna	What is a photon?	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/3bf29fefefcd043ec85d7e7aa9aa21150">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/3bf29fefefcd043ec85d7e7aa9aa21150</a>
Shakhik	Atakaramians	University of New South Wales	Topological photonics meets Terahertz	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b138b4a0c61a4d85a643b84cfc1396f">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b138b4a0c61a4d85a643b84cfc1396f</a>
Bakir	Babic	Department of Industry, Innovation and Science	Meeting the challenges of accurate dimensional measurements at the nanoscale	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ef0120f5a60a44e4b74d552bae8ccccf">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ef0120f5a60a44e4b74d552bae8ccccf</a>
Iain	Baikie	KP Technology	Macroscopic Kelvin Probe Microscopy on Perovskites	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/7ed2d868b73d431296503bb806279f80">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/7ed2d868b73d431296503bb806279f80</a>



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Matthew	Bailes	Swinburne University of Technology	Multi-messenger astronomy in the Gravitational Wave Detection Era	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/4583d805c96d4f3d87537a90860ea244">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/4583d805c96d4f3d87537a90860ea244</a>
Mark	Baker	University of Queensland	Superfluid dynamics of two-component BEC in a toroidal trap	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/aa0e3621187e490d8eb90d6465e9d34e">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/aa0e3621187e490d8eb90d6465e9d34e</a>
Christopher	Baker	University of Queensland	A superfluid Brillouin laser with ultra-high gain	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d3b31f66c2534aedbae74bf3fe47ef62">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d3b31f66c2534aedbae74bf3fe47ef62</a>
Csaba	Balazs	Monash University	Forecasting the next fundamental discovery	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/7304571b180a4bb7889a1146ae4014d8">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/7304571b180a4bb7889a1146ae4014d8</a>
John	Ballato	Clemson University	Simple fibre designs for complex photonics: what do nanoparticles, bubbles, and semiconductors have in	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/8aa3f47c627d4472bc9f3ff328a541">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/8aa3f47c627d4472bc9f3ff328a541</a>
Kaushik	Banerjee	Australian National University	Fusion dynamics in Super Heavy Element synthesis with atomic number $Z = 114$	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e57132f251944309b271e284dc968fea">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e57132f251944309b271e284dc968fea</a>
Ben	Baragiola	ARC Centre for Quantum Computation and	Rotation-symmetric encodings of a qubit into an oscillator	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/db7edfd27f794c13a5f9f20a4b7c964">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/db7edfd27f794c13a5f9f20a4b7c964</a>
Elisabetta	Barberio	University of Melbourne	A Southern Hemisphere prospective on Dark Matter	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/a5b9edcd1bd1459f9c8125ae6aa4580e">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/a5b9edcd1bd1459f9c8125ae6aa4580e</a>
Elisabetta	Barberio	University of Melbourne	Higgs physics with the ATLAS experiment, and the upgrade for the high luminosity LHC	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d4bcdfa04fcc46d196ba3e84793a49c5">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d4bcdfa04fcc46d196ba3e84793a49c5</a>
Michael	Barson	Australian National University	Magnetic circular dichroism spectroscopy of the nitrogen-vacancy centre in diamond	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/af4b03e9c8eb4b35b5ff5da126cf295f">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/af4b03e9c8eb4b35b5ff5da126cf295f</a>
Stephen	Bartlett	University of Sydney	Symmetry-protected self-correcting quantum memories	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/3d4a441268294f64b176cc881fce808e">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/3d4a441268294f64b176cc881fce808e</a>
Tommy	Bartolo	RMIT University	Modelling electron transport properties in low-dimensional systems and high kinetic inductance films.	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/66b7d2d67a39419ca1cc428a857e78c0">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/66b7d2d67a39419ca1cc428a857e78c0</a>
Murray	Batchelor	Australian National University	Physics of the non-Hermitian free parafermion $Z(N)$ spin chain	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d5f7b08db9a84912b4386690d6a7178b">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d5f7b08db9a84912b4386690d6a7178b</a>
Christiaan	Bekker	University of Queensland	Free spectral range electrical tuning of a high quality double disk microcavity	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/9ec08ecb04194e2d9ad1a43e0221a704">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/9ec08ecb04194e2d9ad1a43e0221a704</a>
Thomas	Bell	University of Queensland	Rapid Production of Large Quanta BEC Supercurrents	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/218a6141ae254340b1068a757bf0c264">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/218a6141ae254340b1068a757bf0c264</a>
Nicole	Bell	University of Melbourne	Simple (but not too simple) descriptions of particle dark matter	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/be8da0fbb22541e0b27fd1c0a761ce56">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/be8da0fbb22541e0b27fd1c0a761ce56</a>
Nicole	Bell	University of Melbourne	Heating up Neutron Stars with Dark Matter	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/fd590ab4b43b417292cbdfacc64fed1">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/fd590ab4b43b417292cbdfacc64fed1</a>
Deeksha	Beniwal	University of Adelaide	A search for continuous gravitational waves from H.E.S.S. sources	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2c1e30d5bcab43cba8f5378180073d17">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2c1e30d5bcab43cba8f5378180073d17</a>
Francis	Bennet	Australian National University	Free-space quantum communication with adaptive optics	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/da0b2638beab4cb1b4e4fd186f728982">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/da0b2638beab4cb1b4e4fd186f728982</a>
James	Bennett	ARC Centre of Excellence for Engineered Quantum Systems	Fast and coherent mechanical squeezing with optomechanics	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/0418a7f265ca43909af8f22073b8b275">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/0418a7f265ca43909af8f22073b8b275</a>
Julian	Berengut	University of New South Wales	Enhanced electronic-bridge coupling to the 76 eV U-235 nuclear transition in ions with chaotic spectra	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b019aeb96f754932bdae8d12baf7bb48">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b019aeb96f754932bdae8d12baf7bb48</a>
Dominic	Berry	Macquarie University	Encoding Electronic Spectra in Quantum Circuits with Linear T Complexity	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ab1428130767472ba247e79add3c0d88">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ab1428130767472ba247e79add3c0d88</a>
John	Bertram	Monash University	Kidney nephrons and podocytes - towards in vivo imaging and improved clinical management	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/6177a4b1d03e4d4bebefaf6bd5a7a92a0">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/6177a4b1d03e4d4bebefaf6bd5a7a92a0</a>
Eva	Bezak	University of South Australia	Use of novel pixelated semiconductor detectors in Targeted Alpha Therapy	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/534915143ac54a189b8df2ea2179ba94">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/534915143ac54a189b8df2ea2179ba94</a>



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Lauren	Bezzina	Australian National University	Determination of precision fusion cross sections with a superconducting solenoidal separator	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/72ea78ef86a2447791415db434d1e302">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/72ea78ef86a2447791415db434d1e302</a>
Aesha	Bhansali	University of Sydney	Using colour and history to engage students with a thermal experiment	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/ea51563178bf475b80c0b7ad5cd8b286">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/ea51563178bf475b80c0b7ad5cd8b286</a>
Oliver	Bickerton	University of Sydney	A Novel Hybrid Plasmoni Nano-Focusing Mode Converter	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/3afe532b937f481591972548f7c5d87c">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/3afe532b937f481591972548f7c5d87c</a>
Innes	Bigaran	University of Melbourne	A Leptoquark Model to Address Flavour Anomalies and Generate Radiative Neutrino Mass	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/ab26fa26493c45879259342834e8fba8">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/ab26fa26493c45879259342834e8fba8</a>
Hayley	Bignall	CSIRO	A tale of TAILS: Testing the Association of Intrahour quasar variability with Local Stars	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/ab0cb58cb0b44becad982240c420a3dc">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/ab0cb58cb0b44becad982240c420a3dc</a>
Lindsey	Bignell	Australian National University	Directional Dark Matter Detection with CYGNUS	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/7c7f3ed462bc4a6d8ea90145eca2436d">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/7c7f3ed462bc4a6d8ea90145eca2436d</a>
Gabriel	Bioletti	Victoria University of Wellington	Pressure dependant measurements of critical current density in iron-based superconductors	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/c9ad5f6f82034bd3b20116c560744975">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/c9ad5f6f82034bd3b20116c560744975</a>
James	Bishop	University of Technology Sydney	Focused electron beam induced processing for nanophotonic applications	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/84a235c19a664716b9394e81885384cc">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/84a235c19a664716b9394e81885384cc</a>
Boyd	Blackwell	Australian National University Research School of Physical Sciences and Engineering	Results from Langmuir Probe arrays in the scrape off layer of the Wendelstein 7X Advanced Stellarator	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/a6f0e4dd47374a4cb0e84128e5d04c89">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/a6f0e4dd47374a4cb0e84128e5d04c89</a>
David	Blair	University of Western Australia	Science Benefits of an Asia-Australian pair of Gravitational Wave Observatories	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/213d98e837c14242b96e971dc2d96e50">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/213d98e837c14242b96e971dc2d96e50</a>
Carl	Blair	Caltech	Commissioning of the Advanced LIGO Detectors for Observation Run 3	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/37a109f7fbc40f5bc5cc842119711f2">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/37a109f7fbc40f5bc5cc842119711f2</a>
Samuel	Blake	University of Sydney	Using low refractive index cladding materials to improve the imaging performance of a plastic scintillating fibre array	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/ec27c75f0f894f71a30fe2d47d0b8af2">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/ec27c75f0f894f71a30fe2d47d0b8af2</a>
Blair	Blakie	University of Otago	Droplet crystal ground states of a dipolar Bose gas	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/afbd5423b06e45ac8cb1eba2cd9a743e">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/afbd5423b06e45ac8cb1eba2cd9a743e</a>
Jamie	Booth	RMIT University	Yang-Mills Theory of Electron-Phonon Interactions	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/2c166517807c488b878831f6f10b3b9c">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/2c166517807c488b878831f6f10b3b9c</a>
Vladimir	Bossilkov	University of Western Australia	Parametric Instability Observations and Control through Optical Injection	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/2afa26523a5e4f90a529b4ead45f7b55">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/2afa26523a5e4f90a529b4ead45f7b55</a>
Tim	Botzem	University of New South Wales	Donor spin qubits in silicon with robust long-distance coupling	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/8465a19cdef04a26ab888cab2f75a3e4">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/8465a19cdef04a26ab888cab2f75a3e4</a>
Jeremy	Bourhill	University of Western Australia	Coupling a high quality factor quartz bulk acoustic wave resonator to a microwave cavity	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/2a210e015e4f4335a00c1290fd9a923e">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/2a210e015e4f4335a00c1290fd9a923e</a>
Warwick	Bowen	University of Queensland	Quantum techniques for optical biosensing	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/4360fa6ca286489ab391e6177cb149ba">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/4360fa6ca286489ab391e6177cb149ba</a>
Jodie	Bradby	Australian National University	Quantifying the response of Arabidopsis thaliana to applied pressure using nanoindentation	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/eb63004cd5e94d308c64ca98d5a87021">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/eb63004cd5e94d308c64ca98d5a87021</a>
Mark	Bradshaw	Australian National University	Optimal estimation of joint parameters with Gaussian probes	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/a480743978fa485dace61ac242acac5d">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/a480743978fa485dace61ac242acac5d</a>
Alexander	Bray	Australian National University	Keldysh-Rutherford Model for the Attoclock	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/4335b76a765e49cc9374ab33bd049fb2">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/4335b76a765e49cc9374ab33bd049fb2</a>
Igor	Bray	Curtin University	Applications of the convergent close-coupling theory: from antihydrogen formation through to collisions with	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/f857d153fb5841cfa3bfd2cadab99f61">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/f857d153fb5841cfa3bfd2cadab99f61</a>
Gavin	Brennen	Macquarie University	Robust symmetry-protected metrology with the Haldane phase	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/5e0d9209eb3d47a4bc18098beace2026">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/5e0d9209eb3d47a4bc18098beace2026</a>



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Wijnand	Broer	Nanyang Technological University	Casimir Torque between Uniaxial Magnetodielectric Plates	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f9a6f6697e7447099015b3d21e41fa80">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f9a6f6697e7447099015b3d21e41fa80</a>
Philippa	Browning	University of Manchester	Self organisation by magnetic reconnection in solar and fusion plasmas	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/4e92ec6a1cd44105abf2c708238579c6">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/4e92ec6a1cd44105abf2c708238579c6</a>
Jessica	Budden	University of New South Wales	Embedding high school Physics teachers within the university system – reflections by a 'Visiting Teaching	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/55609209350140dbae5fcd552b74d62">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/55609209350140dbae5fcd552b74d62</a>
Jan-Philipp	Burde	University of Frankfurt	Design and evaluation of an innovative approach to teaching electric circuits	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/694f79f88a4845598a70c83c2d1bb719">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/694f79f88a4845598a70c83c2d1bb719</a>
Jasper	Cadusch	University of Melbourne	All-Si vertical slab waveguide arrays as wavelength selective photodetectors.	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/0b73d42f2a004f3baf810a2a30360234">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/0b73d42f2a004f3baf810a2a30360234</a>
Julie	Cairney	University of Sydney	New frontiers in atom probe tomography	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/993b4520c9bd4d2f82fa6c77a20b2174">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/993b4520c9bd4d2f82fa6c77a20b2174</a>
Huy Tuong	Cao	University of Adelaide	Frequency Selective Optical Mode Imaging	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/fa786e3c39564dd091d3371ca3d2cfe3">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/fa786e3c39564dd091d3371ca3d2cfe3</a>
Eduardo	Carrascosa	University of Melbourne	Isomer-specific action spectroscopy of molecular ions	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ae0e7f50d56f4b928675684759c0c7ff">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ae0e7f50d56f4b928675684759c0c7ff</a>
Brett	Carter	RMIT University	Using physics-based ionospheric modelling to understand the daily variability in the equatorial ionosphere	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c266330dd28a42f1a63e73120510219b">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c266330dd28a42f1a63e73120510219b</a>
Catxere	Casacio	University of Queensland	Quantum enhanced non-linear microscopy	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5161cddf01b94003b1c67dbcff7f536e">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5161cddf01b94003b1c67dbcff7f536e</a>
Marina	Castelli	Monash University	Local charge accumulation at iron-based trinuclear metal-organic nanostructures on a surface	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2cc3ea3007954bc0a19760aea4273712">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2cc3ea3007954bc0a19760aea4273712</a>
Barbara	Catinella	University of Western Australia	Cold gas and star formation in galaxies	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/58cd4e0525274b3f8ae33fde599d5c4">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/58cd4e0525274b3f8ae33fde599d5c4</a>
Grace	Causser	University of Wollongong	The Fundamental Sharpness of Magnetic Interfaces Formed by Chemical Disorder Using a He <sup>+</sup> Beam: Theory and	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/351f4d829e554c60b96c014c90e6ad00">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/351f4d829e554c60b96c014c90e6ad00</a>
Eric	Cavalcanti	Griffith University	Unifying nonlocality and contextuality as violations of classical causality	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/cde0f801ba814cbcaea0372b3278035b">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/cde0f801ba814cbcaea0372b3278035b</a>
Barry	Cense	University of Western Australia	Recent developments in polarisation-sensitive optical coherence tomography for retinal imaging	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/70dbbdfcfe342d9b44c067c3e96748b">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/70dbbdfcfe342d9b44c067c3e96748b</a>
Jihun	Cha	University of Queensland	Enhanced single photons from electrically-controlled quantum-dot micropillars	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/7e740239eada462cbdf202aee531201b">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/7e740239eada462cbdf202aee531201b</a>
Christopher	Chantler	University of Melbourne	Plasmon-Coupling Theory of the Electron Inelastic Mean Free Path, energy loss functional and the dielectric function	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/3b9d879809604029a74a447533ed3bee">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/3b9d879809604029a74a447533ed3bee</a>
Christopher	Chantler	University of Melbourne	Alice in Wonderland: How to understand Dementia from fundamental X-ray Optics	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/a049c74b1f52467d967b4b9dce534b5e">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/a049c74b1f52467d967b4b9dce534b5e</a>
Xu (Sundae)	Chen	University of Western Australia	Microresonators for optically diluted optomechanical filters	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2946e209e9234307ab386710fc10e54d">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2946e209e9234307ab386710fc10e54d</a>
Zhigang	Chen	Nankai University	Synthetic optical nonlinearity in dielectric and plasmonic nanosuspensions	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/465e05bafdc420897b03baf9eec4277">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/465e05bafdc420897b03baf9eec4277</a>
Zhangkai	Cheng	University of Sydney	A scintillating fibre array for medical imaging and dosimetry	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/563264166e48410c967cfa2b432dacda">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/563264166e48410c967cfa2b432dacda</a>
Rajan	Chhetri	International Centre for Radio Astronomy Research	Mid-Infrared Properties of compact Active Galactic Nuclei selected from the high-radio-frequency Australia Telescope	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/6279954188464b96bcfb0b1511c779b7">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/6279954188464b96bcfb0b1511c779b7</a>
Mitchell	Chiew	University of Western Australia	Graph comparison via nonlinear quantum search	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f9335cc3698d49088f039cf1ee6643ff">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f9335cc3698d49088f039cf1ee6643ff</a>
Rahul Kumar	Choudhary	University of Western Australia	Public and Teacher Response to Einsteinian Physics in Schools	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2229c744e2694c3f9db29823e1059c2c">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2229c744e2694c3f9db29823e1059c2c</a>





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Chris	Chubb	University of Sydney	Statistical mechanical models for correlated noise in arbitrary stabiliser codes	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/b279009d562847da9c8b34670be6ffc3">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/b279009d562847da9c8b34670be6ffc3</a>
Danny	Cocks	Australian National University	Treating electron and positron transport through liquids from first principles	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/29eb8586108546c5825e876d9446c7e1">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/29eb8586108546c5825e876d9446c7e1</a>
David	Colas	University of Queensland	Negative-mass effects in spin-orbit coupled Bose-Einstein condensates	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/520308a429e34bea9ad0e78727d0b465">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/520308a429e34bea9ad0e78727d0b465</a>
Charlotte	Conn	RMIT University	Bicontinuous Cubic Phases for Protein Encapsulation	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/533904667b674ab396415bfaa7669873">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/533904667b674ab396415bfaa7669873</a>
Peter	Cook	Flinders University	Correction of peak tracking ripple in solid state spectrometers	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/886f07be048a4572b8e31edaf5687d6e">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/886f07be048a4572b8e31edaf5687d6e</a>
Ben	Coombes	Australian National University	Precision multiple Coulomb excitation in Cd-111 with GRETINA	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/926ab9dccb8047c2a84bdd47d9c9ff62f">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/926ab9dccb8047c2a84bdd47d9c9ff62f</a>
Michael	Copeland	Australian National University	Satellite and debris characterisation with Adaptive Optics Imaging	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/fffa4b57cbe04c75a00a72a4e1f9b76d">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/fffa4b57cbe04c75a00a72a4e1f9b76d</a>
Susan	Coppersmith	University of Wisconsin-Madison	Building a Quantum Computer Using Quantum Dots in Silicon/Silicon-Germanium Heterostructures	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/10211c5850ce43df91ea4022626cc29e">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/10211c5850ce43df91ea4022626cc29e</a>
Cormac	Corr	Australian National University	Materials under extreme plasma environments: Efficient one-step plasma synthesis of surface nanostructures	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/668f2a453b3a425c9797695439a6033a">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/668f2a453b3a425c9797695439a6033a</a>
Fabio	Costa	University of Queensland	Quantum physics on indefinite causal structures: foundations and applications	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/2fcc36380b234339bf0046b78b9618d">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/2fcc36380b234339bf0046b78b9618d</a>
Kenneth	Crozier	University of Melbourne	Engineering light-matter interactions at the nanoscale	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/352fe5919f0f42d1801d7f86c634943c">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/352fe5919f0f42d1801d7f86c634943c</a>
Benjamin	Cumming	RMIT University	Broadband circular dichroism in metallic gyroid microstructures	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/0df443dc38dc4f939516b10d93d2435c">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/0df443dc38dc4f939516b10d93d2435c</a>
Benjamin	Cumming	RMIT University	An artificial neural network for aberration compensation	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/15043c830e62495687ea57493c6729bd">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/15043c830e62495687ea57493c6729bd</a>
Martin	Cyster	RMIT University	Modelling three-dimensional electron transport in tunnel junctions	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/2a9343e19b0e49b59e2a233d7d21e9ac">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/2a9343e19b0e49b59e2a233d7d21e9ac</a>
Bryan	Dalton	Swinburne University of Technology	Grassmann Phase Space Theory for Fermions	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/cce81404fb6b45f0b50f1d6a175eadc9">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/cce81404fb6b45f0b50f1d6a175eadc9</a>
Mahananda	Dasgupta	Australian National University	Quantifying dissipation in nuclear reactions en route to equilibration: experimental	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/be46930f524a4e669bbc9dd6810ae554">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/be46930f524a4e669bbc9dd6810ae554</a>
Boris	Daszuta	University of Otago	Numerical scalar curvature deformation and a gluing construction	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/6f86146964c54725ac47d89d18f388f3">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/6f86146964c54725ac47d89d18f388f3</a>
Matthew	Davis	University of Queensland	Ebb and flow of superfluids far from equilibrium	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/080bee469df045a2ba38aa91b204f8bd">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/080bee469df045a2ba38aa91b204f8bd</a>
Tamara	Davis	University of Queensland	Cosmology with the Dark Energy Survey	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/244893f2a4f448ab81baaf1405ba1a49">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/244893f2a4f448ab81baaf1405ba1a49</a>
Judith	Dawes	Macquarie University	Effect of Shape and Aggregation in Plasmonic Random Lasers	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/0df4e469ff3a4b91a3ce09c41a3183a0">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/0df4e469ff3a4b91a3ce09c41a3183a0</a>
Kooper	De Lacy	University of Western Australia	Controlled Quantum Search	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/17dfb5745cdc46cb92594c8d0c4ae80a">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/17dfb5745cdc46cb92594c8d0c4ae80a</a>
Carla	De Tomas	Curtin University	Loss of superelasticity in glassy carbon after high-pressure compressions	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/326a51bf687642858adfc9873d2893e">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/326a51bf687642858adfc9873d2893e</a>
Jonathan	Dean	University of Melbourne	Measurement of the Characteristic Radiation of Copper K $\alpha$ 1,2	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/17d53c63e0fa42e5a39c1db07f281f07">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/17d53c63e0fa42e5a39c1db07f281f07</a>
Nima	Dehdashti	University of Western Australia	Comparison of band engineering methods in HgCdTe nBn detector	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/fceef008d4a440909e819a5d24f09e97">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/fceef008d4a440909e819a5d24f09e97</a>



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Gary	Delaney	CSIRO	Combining Computational Physics and Evolutionary Algorithms to Create New Tailored for Purpose Granular	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/878ce5754a274b0880aa8b60b430441b">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/878ce5754a274b0880aa8b60b430441b</a>
Guochu	Deng	Australian Nuclear Science and Technology Organisation	Magnetolectric Coupling Mechanism of Hexagonal Magnet Co4Nb2O9 with Large In-plane Anisotropy	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c44ca0e0c4a84cb581f7d8f934609550">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c44ca0e0c4a84cb581f7d8f934609550</a>
Evelyne	Deplazes	Curtin University	The Effect of H3O+ on Membrane Structure, Hydrogen Bonding and Interfacial Water Layering in Phospholipid	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/04c0ce7998ae4ee2890e0c94753957b2">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/04c0ce7998ae4ee2890e0c94753957b2</a>
Simon	Devitt	University of Technology Sydney	Quantum Sneakernet: Backbone to the quantum internet	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c42146ef29234e74a4d14286b2dae1f3">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c42146ef29234e74a4d14286b2dae1f3</a>
Jason	Dicker	Department of Education	Science as a Human Endeavour - what does this mean?	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2818f12279f74a0c93a5323aad125acd">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2818f12279f74a0c93a5323aad125acd</a>
Jason	Dicker	Department of Education	Teaching Nexus: Evolving Physics Education in our schools	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/3c6fa9e512a5472291e27efc4f09af12">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/3c6fa9e512a5472291e27efc4f09af12</a>
Marcus	Doherty	Australian National University	Discovery and engineering of optically-addressable spin-defects in diamond and hexagonal boron nitride	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/17059b3d2c7a41c29fd33262298ec874">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/17059b3d2c7a41c29fd33262298ec874</a>
Tomonari	Dotera	Kindai University	Self-assembly of hexagons into infinite bicontinuous cubic polyhedra	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/66bb03d934e04e3facc451f2895b7ac8">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/66bb03d934e04e3facc451f2895b7ac8</a>
Jackson	Dowie	Australian National University	The evolution of shape coexistence between doubly magic 40Ca and 56Ni through pair-conversion spectroscopy	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/98307ab8ff08494383cbbd67bec7080d">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/98307ab8ff08494383cbbd67bec7080d</a>
Ngoc My Hanh	Duong	University of Technology Sydney	Effects of high energy electron irradiation on quantum emitters in hexagonal boron nitride	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/532f03c908914483990ff305c7600b93">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/532f03c908914483990ff305c7600b93</a>
Martin	Ebert	University of Western Australia	A call to arms: engaging physicists in the fight against cancer	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e1ae9fd025fa4852a73565a06d3ba1ca">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e1ae9fd025fa4852a73565a06d3ba1ca</a>
Sebastian	Ehrig	Max Planck Institute of Colloids and Interfaces	The impact of 3D surface curvature on tissue growth and organization	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/330164978d0846cdb31ad1393fc61a4e">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/330164978d0846cdb31ad1393fc61a4e</a>
Falk	Eilenberger	University of Jena	2D-Materials in Optical Coatings and high-Q Bragg Cavities: a Robust Platform for Strong Coupling, Quantum	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/3002d03b95e940c290b8c83d122c0d27">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/3002d03b95e940c290b8c83d122c0d27</a>
Ned	Ekins-Daukes	University of New South Wales	III-V Solar Cells - present status and future prospects	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5184b70aec364bceb817d7e86b65df71">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5184b70aec364bceb817d7e86b65df71</a>
Robert	Elliman	Australian National University	Defect engineering in graphene using ion irradiation	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/9e41dd1b32e04c5e88d6fb598fcea0cf">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/9e41dd1b32e04c5e88d6fb598fcea0cf</a>
Robert	Elliman	Australian National University	Threshold Switching in NbOx and its Application as a Relaxation Oscillator	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e092775b5dab4b3c9fdcf1842c2d3bdf">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e092775b5dab4b3c9fdcf1842c2d3bdf</a>
David	Farrant	CSIRO	Heliostat sensors for solar thermal power plants	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d92df9bf4cd44761b97a26f301c2b2ce">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d92df9bf4cd44761b97a26f301c2b2ce</a>
Itia	Favre-Bulle	University of Queensland	Analysing E.coli behaviour in viscous medium using optical tweezers	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/88d906d4a731473fba342d47cbfd5f5cf">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/88d906d4a731473fba342d47cbfd5f5cf</a>
Itia	Favre-Bulle	University of Queensland	Manipulating zebrafish inner ear with Optical tweezers to trick the brain	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c66b5d7b990f4351a0017a923e813255">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c66b5d7b990f4351a0017a923e813255</a>
Keith	Fifield	Australian National University	Accelerator Mass Spectrometry: the State of its Art with a 15MV Accelerator	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/91a03ae4a82348cf94fd14509c543bfe">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/91a03ae4a82348cf94fd14509c543bfe</a>
Daniel	Firth	Bioimaging Research and Innovation for Translational	Towards rapid OCT imaging: iterative learning control of MEMS mirrors	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/169bfc49c74e463cbf856838f810c8f4">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/169bfc49c74e463cbf856838f810c8f4</a>
Matthew	Fisher	UC Santa Barbara	Quantum Processing in the Brain?	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d35725ee829845b790401df740a70821">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d35725ee829845b790401df740a70821</a>
Simon	Fleming	University of Sydney	Thermally drawn polyurethane optical fibres for sensing applications	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/a87197afd32245d3a4dc64f49094d6ac">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/a87197afd32245d3a4dc64f49094d6ac</a>
Simon	Fleming	University of Sydney	Practical Metamaterials Fabricated by Fibre Drawing	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/fa4dd0916fbd46b694ed72a3ce12122e">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/fa4dd0916fbd46b694ed72a3ce12122e</a>



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Graeme	Flower	University of Western Australia	Broadband Detection of Axion Wind using Magnons	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/a3c402be314a40a3bcd3aa6ee348d729">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/a3c402be314a40a3bcd3aa6ee348d729</a>
Robert	Foot	University of Sydney	Direct detection of Mirror Dark Matter	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/92345a1e1e8643eba396d60c807a61bb">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/92345a1e1e8643eba396d60c807a61bb</a>
Tara	Fortier	National Institute of Standards and Technology	Optical networks and clock comparisons at the 18th-decimal place	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/83e3e4d21d7f460b8d2d2955bc55142e">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/83e3e4d21d7f460b8d2d2955bc55142e</a>
Alison	Funston	Monash University	Three-Dimensional Tuning of the Near-Field in Coupled Metal Nanostructures	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/27fb1142046d45f18b94ca3a53bf4ca1">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/27fb1142046d45f18b94ca3a53bf4ca1</a>
Duncan	Galloway	Monash University	GOTO: a new telescope network for transient detection	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/6ab53ec15fce4a04b55dc5f77a0d7154">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/6ab53ec15fce4a04b55dc5f77a0d7154</a>
Adam	Gambell	University of Adelaide	Wavelength swept operation of an acousto-optically tuned semiconductor laser cavity	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/521373acc9a3402d9a726bebdcc758dbb">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/521373acc9a3402d9a726bebdcc758dbb</a>
Barry	Garraway	University of Sussex	Dressing ultra-cold atoms for control and quantum technology	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/7091be53a6574bd08a2aab9020edb3b2">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/7091be53a6574bd08a2aab9020edb3b2</a>
Richard	Garrett	Australian Nuclear Science and Technology Organisation	The Australian Coherence Imaging Diagnostic for ITER	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/ee598cec6b99471484e05a2134dd98d5">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/ee598cec6b99471484e05a2134dd98d5</a>
Amy	Geddes	University of New South Wales	Isotope shift, non-linearity of King plots and the search for new particles	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/80f0b205e57f4675934b6336f389c156">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/80f0b205e57f4675934b6336f389c156</a>
Farzad	Ghafari	Griffith University	Single-shot quantum advantage in simulating stochastic processes	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/dc34fc7b2cf2448088aa0d5cdf8681da">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/dc34fc7b2cf2448088aa0d5cdf8681da</a>
Christina	Giarmatzi	University of Queensland	Witnessing quantum non-Markovianity	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/9bf4c53d75b44a2e861f899826cb65b8">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/9bf4c53d75b44a2e861f899826cb65b8</a>
Lachlan	Gibson	University of Queensland	Machine Learning for Viscous Drag of Particles in a Fluid	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/c5ade9c9b15a47c9bef0a49f54c45443">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/c5ade9c9b15a47c9bef0a49f54c45443</a>
Brant	Gibson	RMIT University	Nanoscale BioPhotonics: using nanomaterials and light to understand the inner workings of the body	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/de83717b39b3426fa3756ab04ae50f59">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/de83717b39b3426fa3756ab04ae50f59</a>
Jacinda	Ginges	University of Queensland	Lifting the cloud on the hyperfine structure; a brighter future for atomic parity violation	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/c419dd22a2ec4e05ac44724fa94f3bbf">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/c419dd22a2ec4e05ac44724fa94f3bbf</a>
Jan	Gluschke	University of New South Wales	Fixing up the holes -- p-GaAs nanowire transistors with near-thermal limit gating	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/5ac3b9215d974b30901a6639f7ff3ab0">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/5ac3b9215d974b30901a6639f7ff3ab0</a>
Jan	Gluschke	University of New South Wales	Using ultra-thin parylene films as an organic gate insulator in nanowire field-effect transistors	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/66afb1158150410c9a7a3b462e9c7206">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/66afb1158150410c9a7a3b462e9c7206</a>
Jonas	Golde	TU Dresden	Early caries detection by depolarization imaging based on PS-OCT	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/dcce90dceafa482eac46413d68310842">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/dcce90dceafa482eac46413d68310842</a>
Daniel	Gomez	RMIT University	Plasmene: a metasurface perfect absorber	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/17ad52eb9fb44232b9e96b9bc87c1585">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/17ad52eb9fb44232b9e96b9bc87c1585</a>
Dhaneesh Kumar	Gopalakrishnan	Monash University	Spatially Dependent Charging in a Single-Component Organic Nanofilm on a Metal	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/95b9bd6cb8894bd38826ad9e6618f2b0">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/95b9bd6cb8894bd38826ad9e6618f2b0</a>
Sam	Gorman	ARC Centre of Excellence for Quantum Computation and Communication Technology	Two-electron spin correlations and exchange between phosphorus donors in silicon	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/f4527e0e5ab24c04b0dc384500477b20">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/f4527e0e5ab24c04b0dc384500477b20</a>
Maxim	Goryachev	University of Western Australia	Axion Detection with Precision Frequency Metrology	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/563fe15784854a4585ea41f1be7676e03">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/563fe15784854a4585ea41f1be7676e03</a>
David	Gozzard	Australian National University	Optical phased array on a chip using scalable silicon waveguides	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/49d8fdcd4474ddca34042a2d40108d0">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/49d8fdcd4474ddca34042a2d40108d0</a>
Nicholas	Greybush	U.S. Naval Research Laboratory	Dynamically Switchable Colloidal Au Nanorod Plasmonic Pixels	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/f84c5968ffba4c3e93b516be815df81c">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/f84c5968ffba4c3e93b516be815df81c</a>



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Antonija	Grubisic-Cabo	Monash University	Electronic Structure and Electron Dynamics in Single-Layer Semiconducting and Metallic Transition Metal	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/6ec26536c02f4beaae48fab6bbba2852">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/6ec26536c02f4beaae48fab6bbba2852</a>
Mile	Gu	Nanyang Technological University	Realizing Modular Computation in the Quantum Regime	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/fc895801198e49598f16d40273e53e57">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/fc895801198e49598f16d40273e53e57</a>
Xiwen	Guan	Chinese Academy of Sciences Wuhan Physics and	Spin charge separation with quantum criticality	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ec7177dc06f24fe2b53ec7923b03ff83">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ec7177dc06f24fe2b53ec7923b03ff83</a>
Jega Thisan	Gurusamy	University of Western Australia	Temperature effects on microcantilever based hydrogen sensors	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/1dc81c3a47d249058cfe24ce39bf0fdf">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/1dc81c3a47d249058cfe24ce39bf0fdf</a>
Tobias	Hain	Murdoch University	Spherical tilings with ABC star polymers - a three colored Thomson problem?	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d3f0597ecd6d4c54a679ecbbac3d850">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d3f0597ecd6d4c54a679ecbbac3d850</a>
Liam	Hall	University of Melbourne	Tuning of Long-Range Hyperfine Interactions for Maximally Efficient Dynamic Nuclear Polarisation	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/000641bbc39e422b9006e4704456d7d5">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/000641bbc39e422b9006e4704456d7d5</a>
Peter	Hannaford	Swinburne University of Technology	Building time crystals with ultracold atoms	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/80eaf5ff3f8046aaa8b23e46719ee24b">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/80eaf5ff3f8046aaa8b23e46719ee24b</a>
Nida	Haram	Griffith University	Emergence of relativistic non-dipole effects in strong field atomic ionization at moderate intensities	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b1de616f8f4549249633d0e63ade436e">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b1de616f8f4549249633d0e63ade436e</a>
Robin	Harper	University of Sydney	Using real Clifford gates to demonstrate fault tolerance in the IBM Q Experience	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ae29b4c6c234b729aecda195cbdb094a">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ae29b4c6c234b729aecda195cbdb094a</a>
Rob	Harris	University of Queensland	Calderbank-Steane-Shor Holographic Quantum Error Correcting Codes	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/98b1bf20c508426f85d241334325f611">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/98b1bf20c508426f85d241334325f611</a>
Xin (Eric)	He	University of Queensland	Phonon Confinement by the Force of Light	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/54652f0ec565425993144043c2c7d3e7">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/54652f0ec565425993144043c2c7d3e7</a>
Kristian	Helmerson	Monash University	Evolution of large-scale flow from turbulence in a two-dimensional superfluid	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f9b84325f36c4585af1dd81142a17631">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f9b84325f36c4585af1dd81142a17631</a>
Matt	Hepburn	Harry Perkins Institute of Medical Research	The impact of feature size on resolution in compression optical coherence elastography	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f4598a04f8e74c05879b7963d0a80cf1">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f4598a04f8e74c05879b7963d0a80cf1</a>
Ivan	Herrera Benzaquen	Swinburne University of Technology	Collective oscillations of a strongly interacting 2D Fermi gas	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b4c2c7dbf17d43aa80573f56e315ef37">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b4c2c7dbf17d43aa80573f56e315ef37</a>
Mark	Hertzberg	Tufts University	Aspects of Dark Matter Axion Clumps	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d8f04c0317a64930a636ad24894bf809">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d8f04c0317a64930a636ad24894bf809</a>
Daniel	Higginbottom	Australian National University	Chiral displacement and spin-orbit coupling in free-space photon emission	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f0ce2a83af914b4d8ff691cc5648b6e4">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f0ce2a83af914b4d8ff691cc5648b6e4</a>
Desmond	Hill	University of Western Australia	Highly symmetric interfacial coherent structures in Rayleigh Taylor instability with time-dependent acceleration	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/cc139a14906f46c083eba60daeadc9c7">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/cc139a14906f46c083eba60daeadc9c7</a>
Steven	Hinckley	Edith Cowan University	Comparison of Si, SiGe and GaAs photovoltaic microcells for power-over-fibre	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/38ab5a10e8de4ee996e68e6dc9de4833">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/38ab5a10e8de4ee996e68e6dc9de4833</a>
Steven	Hinckley	Edith Cowan University	Gamma irradiation effects in photonic crystal fibre Bragg gratings	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/4fe8cc7496884c77a90705df523e1471">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/4fe8cc7496884c77a90705df523e1471</a>
Elizabeth	Hinde	University of Melbourne	Mapping DNA target search in the nucleus of a living cell	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/4c327f3725b42b8809b02d06fc571ff">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/4c327f3725b42b8809b02d06fc571ff</a>
Sam	Hitchman	AgResearch	Red meat quality parameters measured using polarisation sensitive OCT	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/4ca18305d9554d4790e0fd21025446">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/4ca18305d9554d4790e0fd21025446</a>
Sean	Hodgman	Australian National University	Testing QED With Precision Metrology of the Helium Tune-Out Wavelength	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/7f6794648770463b81e544cbc16acdd3">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/7f6794648770463b81e544cbc16acdd3</a>
Sean	Hodgman	Australian National University	Bell's inequalities and EPR steering with metastable helium BECs	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b31c7dc31c5a4d2bbc0a0cbafac05ace">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b31c7dc31c5a4d2bbc0a0cbafac05ace</a>
Mark	Hogg	University of New South Wales	Microwave mixing by a strongly driven quantum dot	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/99b18bbc7c1b4fd19754ef6a8fa9729c">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/99b18bbc7c1b4fd19754ef6a8fa9729c</a>





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Sascha	Hoinka	Swinburne University of Technology	Elementary excitations of a fermionic superfluid with strong interactions	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/340494c8a4194e6dbe01d48cad47d015">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/340494c8a4194e6dbe01d48cad47d015</a>
Matthew	Hole	Australian National University	Energetic particle driven mode activity: advances in understanding from linear through hard nonlinear regime.	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e8afc0495b814560ba3481a550fe4268">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e8afc0495b814560ba3481a550fe4268</a>
Lloyd	Hollenberg	University of Melbourne	Quantum sensing and imaging in biology using the nitrogen-vacancy centre	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/afdca8e59eaa4df0a6c4321a640c8266">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/afdca8e59eaa4df0a6c4321a640c8266</a>
Joe	Hope	Australian National University	Trapped ion fast gates scale favourably in microtrap arrays in the presence of micromotion	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d0fb8839a6264b81a2b583d3c787d881">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d0fb8839a6264b81a2b583d3c787d881</a>
Heinrich	Hora	University of New South Wales	Mourou's very extreme CPA-Laser Pulses for Non-Thermal Laser Boron Fusion Reactor for Clean Electricity like Nuclear	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c64dee50ff724b01b1849d6c024ec3ff">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c64dee50ff724b01b1849d6c024ec3ff</a>
Md Akhter	Hosain	University of Western Australia	Ultrasensitive Microwave Spectroscopy of Spin Ensembles in Multi-Mode Dielectric Crystal Resonators at 20 mK	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/88944cc7ba764d94acfd72c3c61b0486">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/88944cc7ba764d94acfd72c3c61b0486</a>
Nedasadat	Hosseinidehaj	University of Queensland	Restricted memory attacks in continuous-variable quantum key distribution	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/9fec971626fb4906a675eb7ef374dece">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/9fec971626fb4906a675eb7ef374dece</a>
Eric	Howell	University of Western Australia	Unveiling the violent Universe with gravitational wave astronomy	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/4cab082d625449a0b0cb69ef01a13ad9">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/4cab082d625449a0b0cb69ef01a13ad9</a>
Lujun	Huang	University of New South Wales	High-Q cavity modes in a single dielectric nonspherical nanocavity	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/0f43a4d9d14e4d72a215dffb4d9d8e7c">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/0f43a4d9d14e4d72a215dffb4d9d8e7c</a>
Wister (Wei)	Huang	University of New South Wales	Fidelity benchmarks for two qubit gates in silicon	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/a505a12b2d9b4320ae637f6d3452b47d">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/a505a12b2d9b4320ae637f6d3452b47d</a>
Moritz	Huebner	Monash University	BILBY: A User-Friendly Package for Parameter Estimation in Gravitational Wave Astronomy	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/23b7d671678241db98d0cd533900dbe9">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/23b7d671678241db98d0cd533900dbe9</a>
Peter	Huf	Deakin University	An heuristic approach to understanding spinors using Maple software with applications to general relativity	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/181726494993466b8d10bb074738f163">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/181726494993466b8d10bb074738f163</a>
Hui	Hui	Swinburne University of Technology	Low-momentum dynamic structure factor of a strongly interacting Fermi gas at finite temperature	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/eb0e25a3b653418789805d783d4fd393">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/eb0e25a3b653418789805d783d4fd393</a>
Natasha	Hurley-Walker	International Centre for Radio Astronomy Research	Radio Surveys with the Murchison Widefield Array	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/59749e45f87043309d5a5e7629ad7304">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/59749e45f87043309d5a5e7629ad7304</a>
Stephen	Hyde	Australian National University	Theory and experiments of novel polycontinuous liquid crystals	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/bc489a02ce314c5ab56cef89e18725f7">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/bc489a02ce314c5ab56cef89e18725f7</a>
Gail	Iles	RMIT University	Space physics research projects at RMIT Physics	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2e3cb91afbff4421be24ae9db4d138ff">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2e3cb91afbff4421be24ae9db4d138ff</a>
Garth	Illingworth	UC Santa Cruz	Galaxies at Cosmic Dawn: Exploring the First Billion Years with the Hubble Space Telescope	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/73bfc60397e24b5c8fa35b28e2a60c0c">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/73bfc60397e24b5c8fa35b28e2a60c0c</a>
Garth	Illingworth	UC Santa Cruz	JWST Status: Insights into the Challenges of Constructing the most Complex Space Telescope Ever	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/eb72b01922d34d91ae778732cd325913">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/eb72b01922d34d91ae778732cd325913</a>
Charlie	Ironside	Curtin University	Neutron transmutation doping of isotope enriched ZnO nanorods to produce p-type material	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/9ae964509fc6490dac5675bc1043a8a0">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/9ae964509fc6490dac5675bc1043a8a0</a>
Vahid	Jaberian Hamedan	University of Western Australia	Multi-stage Damper for Parametric Instability Suppression in Gravitational Wave Detectors	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c06bd5f1af7d4b5c9e35f617ee5bccab">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c06bd5f1af7d4b5c9e35f617ee5bccab</a>
Paul	Jackson	University of Adelaide	Recent results from the ATLAS Experiment at Run 2 of the CERN LHC	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/1d023ec1fbb74b689cc7bf207b154a39">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/1d023ec1fbb74b689cc7bf207b154a39</a>
Chennupati	Jagadish	Australian National University	Semiconductor Nanowires for Optoelectronics Applications	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/7d171f8d5c2c4637a6683e53d1466e26">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/7d171f8d5c2c4637a6683e53d1466e26</a>
Lorna	Jarrett	University of Wollongong	The new HSC physics syllabus – what support do teachers need?	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/4655c7a6d9e41ed95857dd1fa3a98f5">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/4655c7a6d9e41ed95857dd1fa3a98f5</a>
Gareth	Jay	University of Western Australia	Dirac quantum walks on triangular and honeycomb lattices	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/8e5256c8f8a64ecdad09156eb22bd7e6">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/8e5256c8f8a64ecdad09156eb22bd7e6</a>



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Melanie	Johnston-Hollitt	Curtin University	The Phase II Murchison Widefield Array: Current Status and Future Plans	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ad023a738cef4059b7a718697171e249">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ad023a738cef4059b7a718697171e249</a>
Ria Rushin	Joseph	Swinburne University of Technology	Finite-temperature dynamics of shock waves in an ultra-cold Fermi gas	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5e6e4d8208c8437a9823d7c2e9ad557e">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5e6e4d8208c8437a9823d7c2e9ad557e</a>
Hannah	Joyce	University of Cambridge	Engineering optoelectronic devices based on III-V nanowires: From growth to terahertz photonics	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/3c06a0af49e840c09cc3618c8f87a8da">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/3c06a0af49e840c09cc3618c8f87a8da</a>
Li	Ju	University of Western Australia	Technology Development for Next Generation Gravitational Wave Detectors	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e5e1882c203647d1b6ace3cea4f701f">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e5e1882c203647d1b6ace3cea4f701f</a>
Deb	Kane	Macquarie University	A New Approach to Modelling the Coherence of Optical Feedback in Dynamical Semiconductor Laser Systems	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5f698c2142ad46a592d1ef7101910869">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5f698c2142ad46a592d1ef7101910869</a>
Deb	Kane	Macquarie University	Light Scattering by Double-Cylinder Spider Silk Optical Micro-fibres	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/8bbb36a421394a18b58595245c241dd4">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/8bbb36a421394a18b58595245c241dd4</a>
Amanda	Karakas	Monash University	Heavy element nucleosynthesis in red-giant stars	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/bd78af8573f04bf584e0e2b147520096">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/bd78af8573f04bf584e0e2b147520096</a>
Fouad	Karouta	Australian National University	Stress Induced Bending of GaAs Nanowires by Metal Deposition	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/283193c60bb5456f9a733d5011427568">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/283193c60bb5456f9a733d5011427568</a>
Adrian	Keating	University of Western Australia	Using thermography to investigate thermal characteristics of porous silicon	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/764c52ca993a416fbf73c15163ef7558">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/764c52ca993a416fbf73c15163ef7558</a>
Daniel	Keith	ARC Centre for Quantum Computation and	5hMicrosecond spin qubit readout with a strong-response single electron transistor.	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/cc02443a85514c3bbfcb2e30bc800619">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/cc02443a85514c3bbfcb2e30bc800619</a>
Magdalena	Kersting	University of Western Australia	General relativity in upper secondary school: Design and evaluation of an online learning environment using the	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/aecb20038aa942bd8ee37b171d9bde4d">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/aecb20038aa942bd8ee37b171d9bde4d</a>
Karen	Kheruntsyan	University of Queensland	Dynamics of a harmonically trapped Tonks-Girardeau gas under periodic driving	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/02c4b67f712741ad906d9aec6aecdeee">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/02c4b67f712741ad906d9aec6aecdeee</a>
Sebastian	Kish	University of Queensland	Quantum Metrology in the Kerr Metric	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/cb75854a40fa425b9d90427469b8f2dc">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/cb75854a40fa425b9d90427469b8f2dc</a>
Yuri	Kivshar	Australian National University	Mie-resonant meta-optics, metasurfaces, and topological photonics	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/154adb79d5e445dea1b260da818d572f">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/154adb79d5e445dea1b260da818d572f</a>
Mykhailo	Klymenko	RMIT University	Probing charge and energy transfer across the HIOS interface by electron transport in silicon nanowires	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d7eaae0b20a142f7b6475e349807c6ec">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d7eaae0b20a142f7b6475e349807c6ec</a>
Archil	Kobakhidze	University of Sydney	Exploring fundamental physics with gravitational waves	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/15660e631ac443e59a9e8fdc9f097164">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/15660e631ac443e59a9e8fdc9f097164</a>
Dominik	Koll	Australian National University	60Fe and 244Pu on Earth – Access to the Solar Neighbourhood, Stars and the Past of Earth	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/8848a21151e04238900b77adefe2e141">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/8848a21151e04238900b77adefe2e141</a>
Kamil	Korzekwa	University of Sydney	Interconversion of finite-size quantum resources	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d9ff97a1c5864638aef6ff2ca85670442">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d9ff97a1c5864638aef6ff2ca85670442</a>
Alexander	Kozlov	University of Melbourne	Impact of highly charged ions created by a femto-second X-ray pulse on the biological molecule structure	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5966766024fd446da64458d04bc055f4">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5966766024fd446da64458d04bc055f4</a>
Ludwik	Kranz	ARC Centre for Quantum Computation and	Single spin qubits for STM-fabricated donor devices in silicon	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/fce132b6f26e41e187888c7148614fd4">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/fce132b6f26e41e187888c7148614fd4</a>
Inna	Krasnokutska	RMIT University	Towards Optical Filtering in Lithium Niobate On Insulator	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b1120650d15c43848bfc5a14476764c6">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b1120650d15c43848bfc5a14476764c6</a>
Thomas	Krauss	University of York	Photonic Crystals and Nanostructures – Phoenix of Photonics?	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d2b4a093df6a4424944cf09a495b10ca">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d2b4a093df6a4424944cf09a495b10ca</a>
Jo-Frederik	Krohn	University of Melbourne	Analysis of the first Belle II collision data	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2417a24cd1c3468c8a7ea5dc68b85675">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2417a24cd1c3468c8a7ea5dc68b85675</a>
Zdenka	Kuncic	University of Sydney	Brain-like collective dynamics in a neuromorphic nanowire switch network	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/0d28ff99cbd14968b823b4e23d25c249">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/0d28ff99cbd14968b823b4e23d25c249</a>



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Emma	Laird	Monash University	Novel Correlations near an Orbital Feshbach Resonance	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5a537f21dc8e445b8cda2297b88aea29">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5a537f21dc8e445b8cda2297b88aea29</a>
Simone	Lamon	RMIT University	A novel nanocomposite based on rare-earth doped nanocrystals towards super-resolution optical data storage	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/7a6dda663ea4e05891b3bde0f9f0391">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/7a6dda663ea4e05891b3bde0f9f0391</a>
Greg	Lane	Australian National University	Detector characterisation for the SABRE South dark matter experiment	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5612183899da498894ce1125c5975eb7">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5612183899da498894ce1125c5975eb7</a>
Nathan	Langford	University of Technology Sydney	Chip-to-chip entanglement of transmon qubits using engineered measurement fields	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/daa584f49f0b42bbae4f03c7577b3a5b">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/daa584f49f0b42bbae4f03c7577b3a5b</a>
Kiarn	Laverick	Griffith University	Quantum State Smoothing for Gaussian States	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/63ee83b6f74043cf848b2692b0c3d481">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/63ee83b6f74043cf848b2692b0c3d481</a>
Sebastian	Lavin Varela	Australian National University	First-order quasi-Bessel optical 'funnel' beam for trapping particles in air	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ac013e01cf94470ba5ee72b8548d8381">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ac013e01cf94470ba5ee72b8548d8381</a>
Jasmina	Lazendic-Galloway	Monash University	Self-assessment for learning: setting an assessment to encourage regulation in learning	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f9000e051cb54d81b79e1c2e010dcd38">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f9000e051cb54d81b79e1c2e010dcd38</a>
Petr	Lebedev	University of Sydney	Reflection in physics multimedia: A comparison of a general audience to first year physics students	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2619616c30254a8ab8fa3c03a3ec19e0">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2619616c30254a8ab8fa3c03a3ec19e0</a>
Isaac	Lenton	University of Queensland	A new dynamic optical tweezers toolbox	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/1bb398786b6140db8e01f9920cd141cd">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/1bb398786b6140db8e01f9920cd141cd</a>
Jesper	Levinsen	Monash University	Universality of an Impurity in a Bose-Einstein Condensate	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/1d4e6db509754a77a523f33a95299efd">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/1d4e6db509754a77a523f33a95299efd</a>
Jeremy	Levy	University of Pittsburgh	Correlated Nanoelectronics	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/143e83d1c29c47db80da74c9ae648535">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/143e83d1c29c47db80da74c9ae648535</a>
Roger	Lewis	University of Wollongong	Terahertz Frequency Phenomena in Condensed Matter and Materials Physics	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/af69605a933c46f9b2de915e0e3ffbc">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/af69605a933c46f9b2de915e0e3ffbc</a>
Beibei	Li	Institute of Physics Chinese Academy of Sciences	On-chip precision magnetometry using cavity optomechanical systems	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2e15c3250baa44efb72056825c829f5a">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2e15c3250baa44efb72056825c829f5a</a>
Jiawen	Li	University of Adelaide	Imaging genetically-modified airway cells with a miniaturised multimodal optical coherence tomography +	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/57981daa470d487aad3a43b86647bee5">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/57981daa470d487aad3a43b86647bee5</a>
Wenhui	Li	National University of Singapore	Coherent microwave-to-optical conversion via six-wave mixing in Rydberg atoms	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/74fc0b2af0c4794a2a563d795696165">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/74fc0b2af0c4794a2a563d795696165</a>
Jiawen	Li	University of Adelaide	Simultaneous imaging and temperature sensing within brain tissue by a miniaturised multimodal fibre-optic probe	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/80fea33224a6438d8cc412dac623a241">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/80fea33224a6438d8cc412dac623a241</a>
Ziyuan	Li	Australian National University	Multi-wavelengths Luminescence from Single InGaAs/InP Quantum Well Nanowire Light Emitting Diode	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c58b0f65bb5b48d18c85e76ad2a19fe1">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c58b0f65bb5b48d18c85e76ad2a19fe1</a>
Xuegang	Li	University of Adelaide	Simultaneous measurement of temperature and refractive index using an exposed core microstructured optical fibre	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/cc90355a9ec4b90a1b1dfab8cd8082c">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/cc90355a9ec4b90a1b1dfab8cd8082c</a>
Philip	Light	University of Adelaide	Heterodyne fibre interferometer for frequency-noise reduction and rapid wide-band tunability of a conventional	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/37c8ee6b4d5f4ae284127c5bddaece7d">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/37c8ee6b4d5f4ae284127c5bddaece7d</a>
Philip	Light	University of Adelaide	Dual Colour Magic Wavelength for Correction of Inhomogeneous Broadening in Tightly Confined Cold Atom	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/6239bab1bdda4ef3a86568993961e8b4">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/6239bab1bdda4ef3a86568993961e8b4</a>
Douglas	Little	Macquarie University	Drawn Optics - the Artistry of Spiders and their (Photonics) Webs	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/fbd9f9469b5a46a1acd3a11b2e556ed2">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/fbd9f9469b5a46a1acd3a11b2e556ed2</a>
Igor	Litvinyuk	Griffith University	Time-dependent ionization processes in acetylene	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/87e2537e218746d694aeb79fd55e58df">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/87e2537e218746d694aeb79fd55e58df</a>
Xia-Ji	Liu	Swinburne University of Technology	Route to Observing Fulde-Ferrell Superfluids via a Dark-State Control of Feshbach Resonances	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/6e0208a3c9a644f691ed969ca6b8c971">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/6e0208a3c9a644f691ed969ca6b8c971</a>
Junliang	Liu	University of Western Australia	Effect of temperature heating rate and growth pressure on the morphology of CVD-grown two-dimensional Bi <sub>2</sub> Te <sub>3</sub>	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f4f2d5a7f12646ddb9fb35c28d177fa3">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f4f2d5a7f12646ddb9fb35c28d177fa3</a>



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Mirko	Lobino	Griffith University	Integrated device for Continuous Variable quantum optics	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2d3902ece0ea4269ba894fcb3610546b">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2d3902ece0ea4269ba894fcb3610546b</a>
Andre	Luiten	University of Adelaide	Atom and Molecular Sensors for Biosensing	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/51e52bdf56749cba161a3d42704bf7e">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/51e52bdf56749cba161a3d42704bf7e</a>
Austin	Lund	University of Queensland	Assisted Macroscopic Quantumness	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ffa859008158411b9953aa2f3eb0a0cd">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ffa859008158411b9953aa2f3eb0a0cd</a>
Shaun	Lung	Australian National University	Realization of Complex-Valued Birefringence with Dielectric Metasurfaces	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/1de5b7fc3e2241f0a2d341e2810eaf33">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/1de5b7fc3e2241f0a2d341e2810eaf33</a>
Jinyong	Ma	Australian National University	Towards stabilization of an optically levitated macroscopic mirror	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ac21129eafb0400e9365735f716fbfe1">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ac21129eafb0400e9365735f716fbfe1</a>
Lars	Madsen	University of Queensland	Ultrafast viscosity measurement in the ballistic regime with optical tweezers	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/768dd6342c4043c88b3ba6ecf24a8142">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/768dd6342c4043c88b3ba6ecf24a8142</a>
Mateusz	Madzik	University of New South Wales	Exchange-based 2-qubit logic gates with donors in silicon	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/20c15e41e289444e9213a0aac54d9b5c">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/20c15e41e289444e9213a0aac54d9b5c</a>
Ibtihal	Mahmood	University of Melbourne	The search for dark matter with the SABRE experiment	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c71ae2ce2c36495b9fd129385412c754">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c71ae2ce2c36495b9fd129385412c754</a>
Christopher	Malajczuk	Curtin University	Influence of hydration in molecular dynamics simulations of DOPC membranes with glycerol and DMSO	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/01061943a0e04fad89a7a9bd3403e848">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/01061943a0e04fad89a7a9bd3403e848</a>
Umairia	Malik	University of New South Wales	Gender Differences in Approach to a Competitive Examination	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f22b5d1c3c944b80a2d266eb4646ad98">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f22b5d1c3c944b80a2d266eb4646ad98</a>
Florian	Marquardt	Max Planck Institute for the Science of Light	Topological transport of phonons and photons	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/37dd8dd998b44f078e6619f4193665b">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/37dd8dd998b44f078e6619f4193665b</a>
Samuel	Marsh	University of Western Australia	A quantum walk assisted approximate algorithm for bounded NP optimisation problems	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b694ee604acd45b9a9943e6bbeccaf22">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b694ee604acd45b9a9943e6bbeccaf22</a>
Andy	Martin	University of Melbourne	Quantum control of physically rotating qubits	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/0606ff3e32774248bb4de62f61f9e289">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/0606ff3e32774248bb4de62f61f9e289</a>
Melissa	Mather	University of Nottingham	Dynamic quantum sensing of paramagnetic species using nitrogen-vacancy centre	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/72b6d9a9795b445aac19af83de6e2193">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/72b6d9a9795b445aac19af83de6e2193</a>
Nicolas	Mauranyapin	University of Queensland	Smart microscopy: An adaptive way of scanning.	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/77ba595792c24085b9311d5c81ce4b9b">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/77ba595792c24085b9311d5c81ce4b9b</a>
Benjamin	McAllister	University of Western Australia	The ORGAN Experiment, and other axion detection schemes at UWA	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/55a9285fa6af4d3e862c11abc0634dd7">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/55a9285fa6af4d3e862c11abc0634dd7</a>
Dane	McCamey	University of New South Wales	Engineering Pentacene Derivatives towards High-Performance Singlet-Fission	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/092388ee4eff448e956b5496951abeea">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/092388ee4eff448e956b5496951abeea</a>
Joshua	McCann	University of Western Australia	Design, build and results of an Advanced Low Frequency Rotational Accelerometer 'ALFRA' for tilt measurement in	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5c14f94b5b434710bf3925409175a68c">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5c14f94b5b434710bf3925409175a68c</a>
Julia	McCoe	University of Melbourne	Quantum magnetic microscopy of biomineralisation in a marine mollusc	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f13cb7dce7b1485583cca6ca641dd0c4">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f13cb7dce7b1485583cca6ca641dd0c4</a>
Andrew	McCulloch	University of Melbourne	Correlated electron-ion pairs as a source of heralded ions	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c756a9ee63b6480fb6953cf1927111c8">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c756a9ee63b6480fb6953cf1927111c8</a>
John	McFerran	University of Western Australia	Ultracold Cs*Yb molecules by photoassociation in an optical dipole trap	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/9883f23b8e114faa9c0de200269e7114">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/9883f23b8e114faa9c0de200269e7114</a>
David	McGloin	University of Technology Sydney	Mechanical and spectroscopic differences in prostate cancer cell lines	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/a5aa12c90a4945779ad5fa6ce900f8ae">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/a5aa12c90a4945779ad5fa6ce900f8ae</a>
Benjamin	Mckinley	Curtin University	Measuring the evolution of the early Universe with radio observations of the Moon	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/54e7eaf26fdd405b9ee4cf0e61dda9ed">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/54e7eaf26fdd405b9ee4cf0e61dda9ed</a>
Nathan	McMahon	Macquarie University	Tensor Network Holography For A Family of Unitary Minimal Models	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/74655879e069440ca8892395e9090d0c">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/74655879e069440ca8892395e9090d0c</a>





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David	McManus	Australian National University	Early Earthquake Detection with the TorPeDO Sensor	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2a69320170af44c690c1336d3b540c54">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2a69320170af44c690c1336d3b540c54</a>
Grant	Meadors	Monash University	Precession measurability in black hole binary coalescences	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e4eb513a80034ba2ab1743e0aa09c742">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e4eb513a80034ba2ab1743e0aa09c742</a>
Graeme	Melville	University of New South Wales	Characterising "Hot Jupiter" Exoplanets	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e9ff75d0cfad4ab99a49e36a93c5a166">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e9ff75d0cfad4ab99a49e36a93c5a166</a>
Noah	Mendelson	University of Technology Sydney	Fabrication of Near-Identical Single Photon Emitters in Hexagonal Boron Nitride for Integrated Quantum Photonics	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e245481aa0de45a69d9466c2dbd5fc9a">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e245481aa0de45a69d9466c2dbd5fc9a</a>
Jiajun	Meng	University of Melbourne	Vertically Stacked Silicon Nanowire Photodetectors for Spectral Reconstruction	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5c1f5fdd3e5b42c592073c731128ec23">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5c1f5fdd3e5b42c592073c731128ec23</a>
Chao	Meng	University of Queensland	Using Filter Functions to Improve Strong Measurements in Optomechanics	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/92ce9e16f3c0419b8161cc300a2db116">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/92ce9e16f3c0419b8161cc300a2db116</a>
Peter	Metaxas	University of Western Australia	Blockage risk in subsea oil and gas pipelines: application of classical nucleation theory to experimental measurements	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/684f7d20cb8847cf8d26b677103ab75d">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/684f7d20cb8847cf8d26b677103ab75d</a>
James	Miller-Jones	International Centre for Radio Astronomy Research	Jets from stellar-mass black holes and neutron stars	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ca1f80279cbe4a849c28f33680be3706">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ca1f80279cbe4a849c28f33680be3706</a>
Andrey	Miroshnichenko	University of New South Wales	Efficient Beam Deflection Based on Off-resonance a Dielectric Metasurface	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/67de42e20232409a86b7a1938bf0d9a3">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/67de42e20232409a86b7a1938bf0d9a3</a>
Emma	Mitchell	CSIRO	Factors affecting magnetic field sensitivity of one and two dimensional SQUID arrays	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/97d54b76a9434ed6a8c8462e05cebb0a">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/97d54b76a9434ed6a8c8462e05cebb0a</a>
AJ	Mitchell	Australian National University	Decay properties of neutron-rich molybdenum isotopes	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/cead1dfb043c4a139411cc5760e44897">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/cead1dfb043c4a139411cc5760e44897</a>
John	Morgan	Curtin University	Astrophysical And Space Weather Studies of Interplanetary Scintillation with the Murchison Widefield Array	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/23c3f781c14f4b629263403f96fb2f30">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/23c3f781c14f4b629263403f96fb2f30</a>
Vincent	Mourik	University of New South Wales	Nuclear Electric Resonance of the 7/2 spin of a single <sup>123</sup> Sb ion	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/86bf2da7135649959fbc71ae54400bae">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/86bf2da7135649959fbc71ae54400bae</a>
Brendan	Mulkerin	Swinburne University of Technology	Breathing modes in strongly interacting Fermi gases	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/9ffab36803e84166bacfa4a06f3424c6">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/9ffab36803e84166bacfa4a06f3424c6</a>
Guillermo	Munoz Matutano	Macquarie University	Quantum correlated photons from strongly interacting semiconductor cavity polaritons	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2e4296d5e0bd46f18b8fdd47d9327f71">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2e4296d5e0bd46f18b8fdd47d9327f71</a>
William	Munro	NTT Basic Research Laboratories	Quantum Networking	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/1f58fac4ad4341a3860cfe6c04d72683">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/1f58fac4ad4341a3860cfe6c04d72683</a>
Tony	Murphy	CSIRO	Ammonia production in atmospheric-pressure plasmas: progress and prospects	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/59e4ccc04b0043c4bcef3a38424cf405">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/59e4ccc04b0043c4bcef3a38424cf405</a>
Mumta Hena	Mustary	Griffith University	Gouy phase interferometer and its applications	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/7a9ebbeb5a3541e7aa4e3c9a169d1ab1">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/7a9ebbeb5a3541e7aa4e3c9a169d1ab1</a>
Simon	Mutch	University of Melbourne	Forecasting and interpreting observations of the first galaxies and the Epoch of Reionisation	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/08cf1935193c4c29a64b0404846281d5">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/08cf1935193c4c29a64b0404846281d5</a>
Yasunobu	Nakamura	The University of Tokyo	Hybrid quantum systems based on surface acoustic waves	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/4011381958f74a58a7da5f8edd6a062e">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/4011381958f74a58a7da5f8edd6a062e</a>
Tyler	Neely	University of Queensland	Giant vortex clusters in a 2D superfluid	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e221c17dd8a2416a8d2be21f00e6bde2">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e221c17dd8a2416a8d2be21f00e6bde2</a>
Kae	Nemoto	National Institute of Informatics	Superradiance and thermalization in hybrid quantum systems	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/0e14abb914cd44938139ccdf5e49b859">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/0e14abb914cd44938139ccdf5e49b859</a>
Dragomir	Neshev	Australian National University	Harmonic generation in AlGaAs nanoantennas using cylindrical vector beams	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/6171e1d5e8e54faeb5fa6c873914fe2">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/6171e1d5e8e54faeb5fa6c873914fe2</a>
Dragomir	Neshev	Australian National University	Mid-infrared molecular barcoding with dielectric metasurfaces	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c49d67382f4a47f48bf733342ce4522c">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c49d67382f4a47f48bf733342ce4522c</a>



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King Lun	Ng	Swinburne University of Technology	A finite temperature model of the early universe	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e8ae517456a64c819149570699b08596">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e8ae517456a64c819149570699b08596</a>
Vudtiwat	Ngampruetikorn	Northwestern University	Impurity Induced Anomalous Thermal Hall Effect in Chiral Superconductors	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/9b614012d7f4c4b3996b5d2802993889">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/9b614012d7f4c4b3996b5d2802993889</a>
Quan	Nguyen	Griffith University	Pseudo-Hall effect in an AlGaIn/GaN van der Pauw device under mechanical strain	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/40a9b785515d441f94d4c0239765080c">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/40a9b785515d441f94d4c0239765080c</a>
Timo	Nieminen	University of Queensland	Paleolithic aerodynamics: the straight-flying boomerang	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5f6e2cb0ea0e485faed598e0fc43355f">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5f6e2cb0ea0e485faed598e0fc43355f</a>
Timo	Nieminen	University of Queensland	High-speed three-dimensional direct optical force measurement	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/76a95d1325bb407d855d11944231c6a1">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/76a95d1325bb407d855d11944231c6a1</a>
Francesco	Nuti	University of Melbourne	Radiation measurements in Australia's deepest mines in view of the construction of an underground physics	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2c95fdb9f753490d9c83bb8983d1eea9">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2c95fdb9f753490d9c83bb8983d1eea9</a>
Jeremy	O'Brien	University of Bristol	Silicon photonic quantum computing	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d7e5051b70db42b292180920f88d5b9a">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d7e5051b70db42b292180920f88d5b9a</a>
Teri	Odom	Northwestern University	Reconfigurable Flat Nanoparticle Optics	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/62514cb960984d1ebcb1f95a481d39e0">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/62514cb960984d1ebcb1f95a481d39e0</a>
Willie	Padilla	Duke University	Exotic Physics with All-Dielectric Metasurfaces	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/aea392ca1d7b4d2488672bae42231bcd">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/aea392ca1d7b4d2488672bae42231bcd</a>
Wenwu	Pan	University of Western Australia	Optical property study of mid-wave infrared Hg <sub>0.79</sub> Cd <sub>0.21</sub> Se grown on GaSb (211) by molecular beam	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/516fee1d99914c3095a6133e79cccd5b">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/516fee1d99914c3095a6133e79cccd5b</a>
Evgeniy	Panchenko	University of Melbourne	Plasmonic colour sensors for digital camera pixels	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/35b5dbb1ef484431a4d17ae21a8c809a">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/35b5dbb1ef484431a4d17ae21a8c809a</a>
Giacomo	Pantaleoni	RMIT University	Modular-qubit cluster states	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/670c6022164548b29dd0394be0cd0a24">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/670c6022164548b29dd0394be0cd0a24</a>
Fiona Helen	Panther	Australian National University	Positron annihilation in the Milky Way	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/89a40fd80c154873891f6269d41b1a05">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/89a40fd80c154873891f6269d41b1a05</a>
Meera	Parish	Monash University	Correlated many-body states of exciton-polaritons	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/828c40e26f1d4748b9d04893dc89d645">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/828c40e26f1d4748b9d04893dc89d645</a>
Karun	Paul	Australian National University	High Performance Raman Memory with Spatio-temporal Reversal	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b6f7b91ef92c4cf6bfa4d6f569540e89">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b6f7b91ef92c4cf6bfa4d6f569540e89</a>
Michael	Paul	The Hebrew University	Probing astrophysical s-process and r-process in the laboratory	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/bd39a9497d424a93bf0bec1697d7f605">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/bd39a9497d424a93bf0bec1697d7f605</a>
Stefan	Pavetich	Australian National University	Accelerator mass spectrometry measurement of the reaction $^{92}\text{Zr}(n,\gamma)^{93}\text{Zr}$ and its relevance to nuclear	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/06717ed5935f438aa7af7ce7364b449f">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/06717ed5935f438aa7af7ce7364b449f</a>
Daniel	Peace	Griffith University	Parallel quantum random number generation from homodyne measurements	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/4118de6236a742eda69313fdea52cea5">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/4118de6236a742eda69313fdea52cea5</a>
Xinhua	Peng	University of Science and Technology of China	Zero- to ultralow-field nuclear magnetic resonance and its applications	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/02df1e888873410d84893103bea7ae40">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/02df1e888873410d84893103bea7ae40</a>
Jingyang	Peng	RMIT University	Chiral graphene plasmonic nanostructure for on-chip photodetection of MIR spin angular momentum	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2823922796df4df8efc3b5dc0ee369d">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2823922796df4df8efc3b5dc0ee369d</a>
Chris	Perrella	University of Adelaide	Compact Two-Photon Rubidium Clock	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/8b6dc201530e4f4aae82a33cc058bcef">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/8b6dc201530e4f4aae82a33cc058bcef</a>
Viktor	Perunicic	University of Melbourne	Spin-Qubit Molecular Microscopy	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/321ba90afcc4424989ff159bba64fc79">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/321ba90afcc4424989ff159bba64fc79</a>
Charlotte	Petersen	University of Innsbruck	Soft interactions in the Lorentz model: anomalous transport in crowded media	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/9428f540380b4716b506b8fb563b2e08">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/9428f540380b4716b506b8fb563b2e08</a>
David	Pfefferlé	University of Western Australia	Particle motion in 3D MHD equilibria versus relaxed states	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d13745a2522b4e5a90443a95d06821b4">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d13745a2522b4e5a90443a95d06821b4</a>



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Hoang-Phuong	Phan	Griffith University	Lithography-free microfabrication of silicon carbide on insulator using UV laser ablation	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/cbfe931a4b494938811c0ba9cb8363ba">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/cbfe931a4b494938811c0ba9cb8363ba</a>
Wiktor	Piecek	Military University of Technology	Tunable optical spin Hall effect in a liquid crystal microcavity	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/1505e68054a34642a6218dbf26e1866d">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/1505e68054a34642a6218dbf26e1866d</a>
Felix	Pollock	Monash University	Tightening quantum speed limits for almost all processes	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/e8f97d27d0bd4924898edfc0f772a4ae">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/e8f97d27d0bd4924898edfc0f772a4ae</a>
Geoff	Pryde	Griffith University	Observation of conclusive one-way quantum steering	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/39235015d92d4e02afc4e1ecac73ef8b">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/39235015d92d4e02afc4e1ecac73ef8b</a>
Manny	Pumarol Crestar	Monash University	Even better than the real thing? Improving remote access undergraduate experiments	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/dcef1570f6534af9b7818c6754225104">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/dcef1570f6534af9b7818c6754225104</a>
Zhisong	Qu	Australian National University	Completing the picture of linear energetic geodesic acoustic mode	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/8e89c90a1f5d4a5bbb8598e339fa42d7">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/8e89c90a1f5d4a5bbb8598e339fa42d7</a>
James	Quach	University of Adelaide	Quantum chaos and entanglement entropy	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/759b5d0a121e4221bd3c6d8574ad30b9">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/759b5d0a121e4221bd3c6d8574ad30b9</a>
Peter	Quinn	University of Western Australia	Search for QCD Axion Dark Matter with Radio Telescopes	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/0ca5a714366c4b85b8b608fc9201005f">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/0ca5a714366c4b85b8b608fc9201005f</a>
Peter	Quinn	University of Western Australia	Status Report on the SKA and SKA Regional Centres	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/7c18ae446f4c465fb18ee3a74411282b">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/7c18ae446f4c465fb18ee3a74411282b</a>
Jamie	Quinton	Flinders University	Beyond Flipped! Challenged-Based learning in 1st year Physics and Chemistry	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/3f0ee253232c4d0c937d43cef19713e9">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/3f0ee253232c4d0c937d43cef19713e9</a>
Jamie	Quinton	Flinders University	Carbon Surface Hybridisation Mapping with Auger Electron Spectromicroscopy	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/cac2caaa01674b1d98efd3d7e7faba60">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/cac2caaa01674b1d98efd3d7e7faba60</a>
Stephan	Rachel	University of Melbourne	Monolayer Topological Superconductivity and Quantum Design of Majorana Fermions	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/41f869b7e98d4e15bbb2d7cff5dfbd12">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/41f869b7e98d4e15bbb2d7cff5dfbd12</a>
Krunal	Radhanpura	CSIRO	Recent progress in terahertz spectroscopy and its applications	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/61cd54bc8f53437c87f69cbb9d4a1339">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/61cd54bc8f53437c87f69cbb9d4a1339</a>
Mohsen	Rahmani	Australian National University	Nanostructured dielectric fractals on resonant metasurfaces for superior plasmonic gas-phase sensing	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/170aa80575984209935eace38d9c29de">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/170aa80575984209935eace38d9c29de</a>
Mohsen	Rahmani	Australian National University	III-V semiconductor resonators on insulator for nanoscale nonlinear optics	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/30f80bf06b5f430288ffa322b1490cbe">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/30f80bf06b5f430288ffa322b1490cbe</a>
Vidur	Raj	Australian National University	Cu-TiO2 Composite Thin Film for Flexible Electronic Applications	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/ce069b07b4b14322804629bcf977eb89">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/ce069b07b4b14322804629bcf977eb89</a>
Tarquin	Ralph	Australian National University	Automatically optimising cavity transmission using 2 SLMs and digitally enhanced heterodyne interferometry	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/2438011b236d4403bbfa8f848c1165ec">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/2438011b236d4403bbfa8f848c1165ec</a>
Ludovic	Rapp	Australian National University	Interaction of Bessel-beam-structured ultrashort laser pulses with transparent media	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/e600f8aa17aa426fb021739e976b98c7">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/e600f8aa17aa426fb021739e976b98c7</a>
Zbigniew	Raszewski	Military University of Technology	Advanced liquid crystalline materials for laser applications characterised with high-Transmission of light (T>97.5%) and very low Reflection (R<0.7%) at VISible, Near, Short and	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/f08d86cd9c0440bf9bcb6abb51378d72">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/f08d86cd9c0440bf9bcb6abb51378d72</a>
Peter	Reece	University of New South Wales	Determining the quantum coherence of optically trapped nanodiamonds	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/cad76e5f16004fd7a4c1bf69d0227ec6">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/cad76e5f16004fd7a4c1bf69d0227ec6</a>
Blake	Regan	University of Technology Sydney	Single crystal diamond membranes containing germanium vacancy color centers	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/9844419ca8e04027904231e538653d33">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/9844419ca8e04027904231e538653d33</a>
Christian	Reichardt	University of Melbourne	The Smoking Gun of Inflation: searching for gravitational waves with the South Pole Telescope	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/454a03eeec44f01a876e2945f737cd4">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/454a03eeec44f01a876e2945f737cd4</a>
Margaret	Reid	Swinburne University of Technology	Mesoscopic steerable and superposition states of massive systems	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/81da0c76501047b1b6bc36d3e60a8326">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/81da0c76501047b1b6bc36d3e60a8326</a>



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Philipp	Reineck	RMIT University	Fluorescent nanodiamonds: from the creation and characterization of optical defects to applications in biology	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b6e2bbacca814c76b005f9b3c47fea65">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b6e2bbacca814c76b005f9b3c47fea65</a>
Philipp	Reineck	RMIT University	Increased density of fluorescent defects in diamond by high-temperature electron beam irradiation	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e3b3d998f6d4dea836a913c03994bc">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e3b3d998f6d4dea836a913c03994bc</a>
Monika	Ritsch-Marte	Medical University of Innsbruck	Biomedical Optics, Holography and Optical Trapping	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e091976b182f40acb57c188fe3123867">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e091976b182f40acb57c188fe3123867</a>
Benjamin	Roberts	Paris Observatory	Searching for Transient Dark Matter Signatures with Atomic Clock Networks	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c0a0fb8c0fbc486797f4ed16530ce8c4">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c0a0fb8c0fbc486797f4ed16530ce8c4</a>
Ann	Roberts	University of Melbourne	Plasmonic approaches to optical information processing	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d7a93ad232474148a9661e641bc97de8">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d7a93ad232474148a9661e641bc97de8</a>
Benjamin	Roberts	Paris Observatory	Ionisation signatures of sub-GeV dark matter due to absorption and scattering of electrons	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e49503d57bf14feba3afd5a99a69fa6">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e49503d57bf14feba3afd5a99a69fa6</a>
Nick	Robins	Australian National University	The physics of moving lab based quantum sensors to the field	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c96a3f1a9a6d4457b37f1afee54f4be9">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c96a3f1a9a6d4457b37f1afee54f4be9</a>
Lachlan	Rogers	Macquarie University	Laser threshold magnetometry with nitrogen-vacancy colour centres in diamond	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5f92e101109644f5a0e007f6f40d8d67">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5f92e101109644f5a0e007f6f40d8d67</a>
Lachlan	Rogers	Macquarie University	Silicon-vacancy centres in nanodiamonds for engineered quantum applications	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/6e0b32c9aa98452d9a5544416cd5c8b2">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/6e0b32c9aa98452d9a5544416cd5c8b2</a>
Gavin	Rowell	University of Adelaide	TeV Gamma-Ray Astronomy with The Cherenkov Telescope Array (CTA)	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/649e95eafd74450797350310878c910c">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/649e95eafd74450797350310878c910c</a>
Kirriily	Rule	Australian Nuclear Science and Technology Organisation	Which glue to choose? A neutron-scattering study of various adhesive materials and their effect on background	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d36de0dce3d5462a8fffb6329eed5746">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d36de0dce3d5462a8fffb6329eed5746</a>
Kirriily	Rule	Australian Nuclear Science and Technology Organisation	Understanding the structural effects on magnetic order in the 2D quantum magnet atacamite, Cu <sub>2</sub> Cl(OH) <sub>3</sub>	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e396d4fdfa8b4ec8933583c1c53a1263">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e396d4fdfa8b4ec8933583c1c53a1263</a>
Yauhen	Sachkou	University of Queensland	Evaporation of a giant quantum vortex	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ff488e38b6f74deb818622ba753a1042">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ff488e38b6f74deb818622ba753a1042</a>
Elaine	Sadler	University of Sydney	Science highlights from the ASKAP radio telescope	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/6f9e2b41180b44c7a5e3ce083aaa516e">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/6f9e2b41180b44c7a5e3ce083aaa516e</a>
Yuval	Sanders	Macquarie University	Black-box quantum state preparation without arithmetic	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2f7a0a460cb248f38b7a1957a65895fb">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2f7a0a460cb248f38b7a1957a65895fb</a>
Barry	Sanders	University of Calgary	Differential evolution for ion-trap gate design	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/7a6ec821148845d2b7f49f3257afa475">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/7a6ec821148845d2b7f49f3257afa475</a>
Rowan	Sanderson	University of Western Australia	Towards a smart surgical glove for the intraoperative detection of breast cancer	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f7379d48ab3e41c8950f1b6b65fb6ccf">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f7379d48ab3e41c8950f1b6b65fb6ccf</a>
Vinodkumar	Saranathan	Yale NUS College	Repeated evolutionarily independent quasi-order to order transitions in feather barb biophotonic nanostructures	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/8d6d0082f35c458ea84bc903a832edc6">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/8d6d0082f35c458ea84bc903a832edc6</a>
Jeremy	Savage	Curtin University	Spheroidal Convergent Close-Coupling calculations of electron scattering on the metastable c3Pu state of H <sub>2</sub> .	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/7fc3516ea73477883d1c0a9d990a018">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/7fc3516ea73477883d1c0a9d990a018</a>
Mykhailo	Savytskyi	University of New South Wales	A hybrid quantum memory for microwave photons	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b8847c49eb434e58a95853d6f27b41ef">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b8847c49eb434e58a95853d6f27b41ef</a>
Liam	Scarlett	Curtin University	Vibrationally-resolved electron-impact excitation of molecular hydrogen	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d05719c86f9a47bc9f6fb0433e3713bc">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/d05719c86f9a47bc9f6fb0433e3713bc</a>
Sascha	Schediwy	University of Western Australia	Phase-stabilised optical-frequency transfer for future ground-to-space laser links	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/8056cabb25ec4fdebf4ef47d6f8729d">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/8056cabb25ec4fdebf4ef47d6f8729d</a>
Sascha	Schediwy	University of Western Australia	Mass Manufacturing Ultra-Stable Frequency Transfer Technology	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ef4e2563b0924e59a4f7e28d9f2c2f1f">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ef4e2563b0924e59a4f7e28d9f2c2f1f</a>
Mikolaj	Schmidt	Macquarie University	Harnessing simultaneous optical and acoustic Purcell effects	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b7227dd156d94622bd2674e5e2acc92b">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b7227dd156d94622bd2674e5e2acc92b</a>





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Simon	Schmitt	University of Ulm	Nanoscale quantum sensing	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/3cb0278655934cb7913a12bf631df388">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/3cb0278655934cb7913a12bf631df388</a>
Sarah	Scholten	University of Adelaide	Rapid optical measurement of 13CO <sub>2</sub> and 12CO <sub>2</sub> number density	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e435e431286e4f28b2ff0c60643607d5">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e435e431286e4f28b2ff0c60643607d5</a>
Yannick	Schön	Karlsruhe Institute of Technology	Demonstration of a capacitively shunted superconducting granular aluminum nanowire qubit	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/55eab065f8734d63b835e4d930c701e">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/55eab065f8734d63b835e4d930c701e</a>
Philipp	Schönhöfer	Murdoch University	Self-assembly of cubic phases in pear-shaped nanoparticle systems	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b2dfc4c5bc2e4e60af1d1e41df34c043">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b2dfc4c5bc2e4e60af1d1e41df34c043</a>
Gerd	Schroeder-Turk	Murdoch University	Universal hidden order in amorphous cellular geometries	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/79fb1581e89d4a27915008c858655012">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/79fb1581e89d4a27915008c858655012</a>
Joseph	Schuyt	Victoria University of Wellington	Radio-photoluminescence and optically stimulated luminescence in NaMgF <sub>3</sub> :Sm and NaMgF <sub>3</sub> :Mn suitable for	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/9f8b11d161544ca6bfd50f77afb13003">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/9f8b11d161544ca6bfd50f77afb13003</a>
John	Scott	University of Technology Sydney	Mechanistic study of precursor conversion chemistry in Co <sub>9</sub> S <sub>8</sub> , Ni <sub>3</sub> S <sub>2</sub> , Co and Ni nanowire synthesis	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/22c39c3ae9594bc99ca418c2a2d3becc">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/22c39c3ae9594bc99ca418c2a2d3becc</a>
Susan	Scott	Australian National University	New discoveries by LIGO during its first and second observing runs	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/4f89182831af44cfb6703d2001989b71">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/4f89182831af44cfb6703d2001989b71</a>
Federico	Scutti	University of Melbourne	Origin of neutrino masses at the ATLAS experiment	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/fa820c0c3eed4b21b05246dd18c4adeb">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/fa820c0c3eed4b21b05246dd18c4adeb</a>
Martin	Seviar	University of Melbourne	Deep Neural Networks for analysis of rare B-decays at Belle and Belle II	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f86d1958daf240769a5e0788bbd97b3a">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f86d1958daf240769a5e0788bbd97b3a</a>
Nicholas	Seymour	International Centre for Radio Astronomy Research	Searching for the First Black Holes with the Murchison Widefield Array	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/299d48b3584e4b5d9b30b4bc63268cb2">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/299d48b3584e4b5d9b30b4bc63268cb2</a>
Ryan	Shannon	Swinburne University of Technology	Fast Radio Bursts - Astronomy's next great physical laboratory	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c8924f6c4b3945d4b71c85f39ad32e4c">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c8924f6c4b3945d4b71c85f39ad32e4c</a>
Abhishek	Sharma	University of Adelaide	Electron reconstruction and searches for new physics with the ATLAS experiment	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/4727dab4bef84b87803ca48647f5d92b">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/4727dab4bef84b87803ca48647f5d92b</a>
Zheyu	Shi	Monash University	Impurity-induced multi-body resonances in a Bose gas	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/a9f4e8f688604d2eba8656d190457c91">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/a9f4e8f688604d2eba8656d190457c91</a>
Yuejiang	Shi	Seoul National University	New experimental findings of non-local transport in J-TEXT and KSTAR	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e70113d9903549f28087cc20fa1aea39">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e70113d9903549f28087cc20fa1aea39</a>
Cedric	Simenel	Australian National University	On the origin of asymmetric fission	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c2a8c4b3acd1419bbf9a87d07200d6c2">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c2a8c4b3acd1419bbf9a87d07200d6c2</a>
Cather	Simpson	University of Auckland	Farms and Photonics: Lasers, Milk and Sperm Sorting	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/3d63d53209794237bdbc4129fd5d7d04">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/3d63d53209794237bdbc4129fd5d7d04</a>
David	Simpson	University of Melbourne	Single CdSe@ZnS Quantum Dot Spectroscopy	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/981e24c112684a189d1a6971bc6d8766">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/981e24c112684a189d1a6971bc6d8766</a>
Edward	Simpson	Australian National University	Nuclear reaction cross sections in hadron therapy	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e8e202e0e16a489a8f9dedbef30f8ac5">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e8e202e0e16a489a8f9dedbef30f8ac5</a>
Tapio	Simula	Swinburne University of Technology	Topological Quantum Computation with Non-Abelian Vortex Anyons	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f90dbf48fe624cd3b7be60210b2237d5">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f90dbf48fe624cd3b7be60210b2237d5</a>
Chandralekha	Singh	University of Pittsburgh	Facilitating thinking and learning in and beyond the classroom using evidence-based approaches	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/19b5f82d89f94dd2b773f2bb6dd4d891">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/19b5f82d89f94dd2b773f2bb6dd4d891</a>
Chandralekha	Singh	University of Pittsburgh	How to strengthen physics by making it inclusive	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e7dc5c7cd6cb4995b44e44107027b67d">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e7dc5c7cd6cb4995b44e44107027b67d</a>
Sergei	Slussarenko	Griffith University	Ab-initio optical phase estimation at the exact Heisenberg limit	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ca0cf5784c884fe2b76f81ae14bf20ec">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ca0cf5784c884fe2b76f81ae14bf20ec</a>
Thomas	Smith	University of Sydney	Engineering longitudinal coupling in Majorana qubit systems	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/15804c9baba443e5b89274b407e31871">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/15804c9baba443e5b89274b407e31871</a>



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Rory	Smith	Monash University	Detecting the gravitational-wave background from the whole population of binary black hole mergers	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/2212012edb5c4cc2ad164e2f8abbf5b5">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/2212012edb5c4cc2ad164e2f8abbf5b5</a>
Alexander	Solntsev	University of Technology Sydney	SPDC spectroscopy on a lithium niobate chip	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/33a81f17b641423c9c80e08405a2e427">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/33a81f17b641423c9c80e08405a2e427</a>
Dino	Spagnoli	University of Western Australia	Theoretical Study of the Hydration of the Polar (0001) and (000 $\bar{1}$ ) Surfaces of Wurtzite GaN with a Native Ga <sub>2</sub> O <sub>3</sub>	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/0e824bf06ef14233925023588923bef5">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/0e824bf06ef14233925023588923bef5</a>
Ben	Sparkes	University of Adelaide	Optical Quantum Information Processing with Atom-Filled Hollow-Core Photonic Crystal Fibres	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/d933e5ff5ffc4c3a841637b603f7b7cb">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/d933e5ff5ffc4c3a841637b603f7b7cb</a>
James	Spollard	Australian National University	Link acquisition and beam steering with a 7-emitter 1550nm optical phased array	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/a209418b70544687bcade285c43ef63a">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/a209418b70544687bcade285c43ef63a</a>
Tom	Stace	University of Queensland	A passive on-chip, superconducting circulator using a ring of tunnel junctions	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/abe950cd540f4910b8b27b4bfe1de639">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/abe950cd540f4910b8b27b4bfe1de639</a>
Tom	Stace	University of Queensland	Nonreciprocal device realized with quantum nonlinearity	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/fae897629307407180431a532a4a38f8">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/fae897629307407180431a532a4a38f8</a>
Alastair	Stacey	University of Melbourne	Primal surface defects of diamond: surface noise sources	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/34c982face294c9ba8ce855dda3d42b0">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/34c982face294c9ba8ce855dda3d42b0</a>
Yevgeny	Stadnik	Johannes Gutenberg University of Mainz	Atomic Probes of Axionlike Particles and Dark Matter	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/0c8e59d67121412dbd96761f962dc24d">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/0c8e59d67121412dbd96761f962dc24d</a>
Daniel	Stavrevski	ARC Centre of Excellence for Nanoscale BioPhotonics	Rare-earth glass coatings on exposed core fibres for high spatial resolution temperature sensing.	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/76d3d28309d949e1b2bbdd30c9d22825">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/76d3d28309d949e1b2bbdd30c9d22825</a>
Erik	Streed	Griffith University	Ex-vacuum phase Fresnel lenses for Trapped Ion Quantum Information Processing	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/a7ea443ba9134d8b871433a4e6bd35a8">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/a7ea443ba9134d8b871433a4e6bd35a8</a>
Andrew	Stuchbery	Australian National University	Tracking the emergence of 'simple' collective nuclear excitations in nuclei. How do they arise from the underlying	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/a5c721410f8e4a1095eb376abe1cc626">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/a5c721410f8e4a1095eb376abe1cc626</a>
Henning	Stumpf	University of Erlangen–Nuremberg	Physics of cell adhesion: The role of the membrane in the protein recognition process	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/35b83f141f7943839ac24162ba0bffc2">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/35b83f141f7943839ac24162ba0bffc2</a>
Irene	Suarez-Martinez	Curtin University	Dense and Tunable 3D Graphene Networks from Carbide-Derived Carbons	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/379b75c66899464890b6fb96a2167c8e">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/379b75c66899464890b6fb96a2167c8e</a>
Ravi	Subrahmanyan	Raman Research Institute	Global 21-cm signal from Cosmic Dawn and the Epoch of Reionization	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/7fe9104c8fc74a04a46ae82330b323d6">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/7fe9104c8fc74a04a46ae82330b323d6</a>
Natalia	Suchowerska	University of Sydney	Medical Physics: the science that saves lives	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/5784c7454d1e44628afc1f5d05a078ff">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/5784c7454d1e44628afc1f5d05a078ff</a>
Hugh	Sullivan	RMIT University	Dynamics of molecular excitons interacting with twisted light	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/19c6d93fdb8542e0a7695ebdd733e293">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/19c6d93fdb8542e0a7695ebdd733e293</a>
Qiang	Sun	University of Melbourne	Wavelength stable field-only surface integral solution of 3-D frequency and time-domain electromagnetics based on	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/0fbfb331653840969a9c1e3efa40c5d5">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/0fbfb331653840969a9c1e3efa40c5d5</a>
Xiao	Sun	University of Western Australia	Released all-porous-silicon microstructure for spectrometer applications	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/d959c3f33e9842139b1f94fa92427164">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/d959c3f33e9842139b1f94fa92427164</a>
Oleg	Sushkov	University of New South Wales	Nature of the spin liquid in lightly doped cuprate superconductors	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/3eb9bcc48ee145f4b6d58e7dee6a6de9">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/3eb9bcc48ee145f4b6d58e7dee6a6de9</a>
Melissa	Suter	Massachusetts General Hospital and Harvard Medical	Endoscopic optical coherence tomography for the detection, diagnosis and monitoring of pulmonary disease	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/f1542be2566a4f02b7822fce80b1ee69">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/f1542be2566a4f02b7822fce80b1ee69</a>
Chihiro	Suzuki	National Institute for Fusion Science	Systematic studies on Z dependence of extreme ultraviolet and soft X-ray spectra using high-temperature fusion	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/b82a03bc3a1f430080512cc497e4379d">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/b82a03bc3a1f430080512cc497e4379d</a>
Stuart	Szigeti	Australian National University	Thermally-robust spin correlations between two atoms	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/38e90505161f4907813333767d111e61">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/38e90505161f4907813333767d111e61</a>
Kevin	Tam	University of Sydney	Pure-quartic solutions under the perturbative effects of quadratic dispersion	<a href="https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/8ef9522c94e8446ba9fc90883b0eb760">https://az659834.vo.msecnd.net/eventsaireasiaproduct/production-conlog-public/8ef9522c94e8446ba9fc90883b0eb760</a>



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Michael	Taylor	University of Queensland	Tracking and manipulating the fish inner ear to understanding sound localization	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/12df4e37b7b549d6981e7efe511cec4b">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/12df4e37b7b549d6981e7efe511cec4b</a>
Michael	Taylor	University of Queensland	Diffuse light-sheet microscopy for stripe-free calcium imaging of neural populations	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/7c873421b7454304a606a25e36a3611f">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/7c873421b7454304a606a25e36a3611f</a>
Bryan Pi Ern	Tee	Australian National University	Auger and conversion spectroscopy of medical radioisotope 125I	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b0d619da33a9484eb35804721f680616">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b0d619da33a9484eb35804721f680616</a>
Daniel	Terno	Macquarie University	Quantum effects in gravitational collapse	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/53c31acc014945e1b1d88b3b067b6ea1">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/53c31acc014945e1b1d88b3b067b6ea1</a>
Daniel	Terno	Macquarie University	Quantum satellites and tests of relativity	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/9fa2ed23772c4c91acc3c7e6a7b27215">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/9fa2ed23772c4c91acc3c7e6a7b27215</a>
Jean-Philippe	Tetienne	University of Melbourne	Spatial mapping of band bending in semiconductor devices using in-situ quantum sensors	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/909df6f761dc494180c3679eb75258ab">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/909df6f761dc494180c3679eb75258ab</a>
Anthony	Thomas	University of Adelaide	Quarks to Nuclei and Neutron Stars	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/1e640d433b8748f2adad7c07f9a4e660">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/1e640d433b8748f2adad7c07f9a4e660</a>
Jayne	Thompson	National University of Singapore	Causal Asymmetry in a Quantum World	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e17dfbb10c0943fda1edb068e0ca6f7c">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e17dfbb10c0943fda1edb068e0ca6f7c</a>
Catriona	Thomson	University of Western Australia	Dual oscillator resonant cavity for axion detection	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/1f9f71dae581468086d0798aa4e065f2">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/1f9f71dae581468086d0798aa4e065f2</a>
Eric	Thrane	Monash University	Constraining the morphology of gamma-ray bursts with gravitational waves and gamma rays	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/0763e24aefab47c999be5e1243f2898b">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/0763e24aefab47c999be5e1243f2898b</a>
Stephen	Thurgate	Murdoch University	X-Ray Spectrometry by Microcalorimetry - Multi Detector System with real time data analysis.	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b196ca99499f4a5cacc75a0ad12a660c">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b196ca99499f4a5cacc75a0ad12a660c</a>
David	Ting	NASA Jet Propulsion Laboratory	Recent advances in III-V semiconductor infrared detectors	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/0c205afd7dd44e46902d208f24b1982e">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/0c205afd7dd44e46902d208f24b1982e</a>
Nora	Tischler	Griffith University	Quantum optical simulation of classical stochastic processes over multiple time steps	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/08a826ee8e06438c9551ac018e82f8c">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/08a826ee8e06438c9551ac018e82f8c</a>
Oleg	Titov	Geoscience Australia	Geodetic VLBI, Earth Rotation and Sagnac effect	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/470f9b61b16c4ad3a844dc645f81b923">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/470f9b61b16c4ad3a844dc645f81b923</a>
Michael	Tobar	University of Western Australia	Isotopically Pure Silicon-28 Whispering Gallery Mode Resonators: A Host for Narrow Linewidth Spin Ensembles	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/543c98092ba6491690ebdaca24244bc1">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/543c98092ba6491690ebdaca24244bc1</a>
Behnam	Tonekaboni	University of Queensland	Autonomous Quantum Heat Engine Using an Electron Shuttle	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/642a254d12dc4fcb92960e7b40a4286b">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/642a254d12dc4fcb92960e7b40a4286b</a>
Aaron	Tranter	Australian National University	Multiparameter optimisation of a magneto-optical trap using deep learning	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f29f78074db4959185ebaf5193b68f92">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f29f78074db4959185ebaf5193b68f92</a>
Oleg	Tretiakov	University of New South Wales	Lifetime and Dynamics of (Anti)Skyrmions	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/581009b496c14f769d8ab8a4d586086e">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/581009b496c14f769d8ab8a4d586086e</a>
Dhirendra	Tripathi	University of Western Australia	Optical Modelling and Characterization of the MEMS based filters for the spectroscopic imaging applications	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2bc0d441d9aa4a588c03d1f48e574232">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/2bc0d441d9aa4a588c03d1f48e574232</a>
Spyros	Tserkis	University of Queensland	Simulation of Gaussian channels via teleportation and error correction of Gaussian states	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/552f5445e3a2411e8351a6e5a2b7be3c">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/552f5445e3a2411e8351a6e5a2b7be3c</a>
Jason	Twamley	Macquarie University	Giant Spin Squeezing for metrology using Geometric Quantum Gates	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/189d72d80dda4e99898cd826d11b0b7c">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/189d72d80dda4e99898cd826d11b0b7c</a>
Jason	Twamley	Macquarie University	Quantum Routing of Single Optical Photons using a Superconducting Flux Qubit	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e55b13b961974a468d3e86e84d25b9b5">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e55b13b961974a468d3e86e84d25b9b5</a>
David	Uhrig	Victoria University of Wellington	Effect of air annealing on the structure and magnetic properties of FeSe <sub>1-x</sub> Tex	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f178a297851b4ae79bf28a584418f816">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/f178a297851b4ae79bf28a584418f816</a>
Goran	Ungar	University of Sheffield	Origin of Spontaneous Mirror Symmetry Breaking in Bicontinuous Cubic and Non-cubic Phases	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/64ed88840ca04aca939d9d9a12a5ce07">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/64ed88840ca04aca939d9d9a12a5ce07</a>



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Francesca	Ungaro	University of Melbourne	Search for dark matter with the ATLAS experiment at the LHC	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c2b9cd59d8bb488195547dd1270a3a54">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/c2b9cd59d8bb488195547dd1270a3a54</a>
Phillip	Urquijo	University of Melbourne	The Belle II experiment at the SuperKEKB e+e- collider	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ec476c8b2bdc4c1ab2015a5ee2e7f4e2">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ec476c8b2bdc4c1ab2015a5ee2e7f4e2</a>
Muhammad	Usman	University of Melbourne	Towards high-fidelity two-qubit CNOT gates based on phosphorous donor qubits in silicon	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/8093381697a24117b151fae2f2c46562">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/8093381697a24117b151fae2f2c46562</a>
Ravshanbek	Utamuratov	Curtin University	Positron mass stopping powers in atomic and molecular hydrogen	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/7cbafc9c47bf4b818317b8e40db07f56">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/7cbafc9c47bf4b818317b8e40db07f56</a>
Joan	Vaccaro	Griffith University	Possible physical signature of the quantum nature of time	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5459e4f1101e467e7f5f2049529a6d">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5459e4f1101e467e7f5f2049529a6d</a>
Joris	van Heijningen	University of Western Australia	A novel vibration isolation technique for future gravitational wave detectors	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b2ee3033b001410d83d9345b3aa8a490">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b2ee3033b001410d83d9345b3aa8a490</a>
Kevin	Varvell	University of Sydney	Full reconstruction of leptonic and semileptonic B decays at the Belle II experiment	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/738345188bd1416d87595ae3a7a69b20">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/738345188bd1416d87595ae3a7a69b20</a>
Xavier	Vidal	Macquarie University	Addressing high multipolar resonances with high angular momentum modes of light	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/65fa04249ec141dea7a96056126935ab">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/65fa04249ec141dea7a96056126935ab</a>
Tobias	Vogl	Australian National University	Next-generation single-photon sources in two-dimensional hexagonal boron nitride for space applications	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/bce0907161134fb3a51965c37de06aaf">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/bce0907161134fb3a51965c37de06aaf</a>
Benoit	Voisin	University of New South Wales	Imaging valley interference to tackle exchange variations for donors in silicon	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/7828a266286d49b88d859eced5e4c4d7">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/7828a266286d49b88d859eced5e4c4d7</a>
Anton	Wallner	Australian National University	Radioimpurity characterisation of high-purity dark matter detector materials using Accelerator Mass Spectrometry	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/21cff87ca6164c2a93466c7072d3ec09">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/21cff87ca6164c2a93466c7072d3ec09</a>
Ian	Walmsley	University of Oxford	Photonic Quantum Networks	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/4a12ae717237489391d2d6bd48f17faf">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/4a12ae717237489391d2d6bd48f17faf</a>
Julia	Walther	TU Dresden	Endoscopic optical coherence tomography in dental and otolaryngological research	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ad56023d21c4429191d43d1181ff2f41">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/ad56023d21c4429191d43d1181ff2f41</a>
Konrad	Walus	University of British Columbia	Computing at the atomic scale with quantum dots	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5bc30063e5c545b8aeafa890271c02de">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5bc30063e5c545b8aeafa890271c02de</a>
Jia	Wang	Swinburne University of Technology	Roton-induced features of a Bose polaron in the presence of spin-orbit coupling	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5a9fe874906740d3882253c8cb10d7c2">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/5a9fe874906740d3882253c8cb10d7c2</a>
Naiyin	Wang	Australian National University	Shape engineering of InP nanostructures grown by selective area epitaxy	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/6977eca48bfd4489846d6dad6ae3b731">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/6977eca48bfd4489846d6dad6ae3b731</a>
Jianan	Wang	University of Western Australia	Nitrate ion detection using GaN/AlGaN/GaN-based reference-electrode-free sensors with tripodal receptor	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/93fef2b5d6fb46388ff8268c0343fa24">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/93fef2b5d6fb46388ff8268c0343fa24</a>
Stephen	Warren-Smith	University of Adelaide	Multi-wavelength third harmonic generation using exposed-core microstructured optical fibre	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/fd649642fbc46469c1f15ac4af370a3">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/fd649642fbc46469c1f15ac4af370a3</a>
Craig	Watkins	Informative Technology Innovations	Secondary Observations Relevant to the Pioneer Anomaly	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/6d486355354f488ea5922dabc63fb422">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/6d486355354f488ea5922dabc63fb422</a>
Randall	Wayth	Curtin University	The SKA-Low Aperture Array Verification System: results and plans	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/3f61e216d2ba43aba6cec1079cbb9731">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/3f61e216d2ba43aba6cec1079cbb9731</a>
James	Webb	University of Melbourne	Belle II Silicon Vertex Detector reconstruction software	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/02dd29bf6c68475fa97b06e7c6802f74">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/02dd29bf6c68475fa97b06e7c6802f74</a>
Paul	Webster	University of Sydney	Fault-tolerant Logical Gates in Topological Quantum Error Correcting Codes	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e023c34018ec4e50a7141f5260d12320">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/e023c34018ec4e50a7141f5260d12320</a>
Margaret	Wegener	University of Queensland	Enhancing learning of physics concepts using interactive simulations	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b7c5d6a8814047da9bdfca9592a11116">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b7c5d6a8814047da9bdfca9592a11116</a>
Samuel	Wilkinson	RMIT University	Dynamical admittance of Josephson junction arrays	<a href="https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b79945fb14ee4010a6787881458a3280">https://az659834.vo.msecnd.net/eventsairseasiaprod/production-conlog-public/b79945fb14ee4010a6787881458a3280</a>





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Bodo	Wilts	University of Fribourg	A literal elytral rainbow: Tunable structural colors in Pachyrrhynchus weevils using single diamond biophotonic	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/ad37dccb2846e782699ea75f44989d">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/ad37dccb2846e782699ea75f44989d</a>
René	Wittmann	University of Düsseldorf	Equilibrium reasoning for active particles - what does it really mean?	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/2e76890433fb45c9b1513aad8c5583cb">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/2e76890433fb45c9b1513aad8c5583cb</a>
Peter	Wolf	Paris Observatory	Searching for ultra-light Dark Matter using clocks at the Paris Observatory	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/7695eb34ef6d4f5ba04eedef9d5394a1">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/7695eb34ef6d4f5ba04eedef9d5394a1</a>
Alexander	Wood	University of Melbourne	Spinning spins: exploring rotational physics with quantum sensors	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/e490ace829854fb586f414dac0ef75b9">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/e490ace829854fb586f414dac0ef75b9</a>
Matt	Woolley	University of New South Wales	Quantum entanglement of the motion of massive objects	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/f4bf54442663449da63afc50b92972db">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/f4bf54442663449da63afc50b92972db</a>
Josef	Worboys	RMIT University	Quantum trilateration by photon measurement: Finding two particles with three measurement locations	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/ba08f75c0dd54ee9be6573db64ed9cb1">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/ba08f75c0dd54ee9be6573db64ed9cb1</a>
Shengling	Wu	University of Sydney	Asymptotic simulation of drawing Ge28Sb12Se60 chalcogenide glass microstructured optical fiber process including effects of pressure and surface tension	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/5cf836d4959c487ab4b71859e19facdf">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/5cf836d4959c487ab4b71859e19facdf</a>
Keyu	Xia	Nanjing University	Single-photon non-reciprocal transport controlled by a single atom	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/5c4ffba92d634ba08e1b2e94df6b8853">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/5c4ffba92d634ba08e1b2e94df6b8853</a>
Liushun	Xie	University of Adelaide	Interferometric multiplexed fibre sensing using C-shaped fibre	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/a39cc00149614c2186fc9858fe08a62a">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/a39cc00149614c2186fc9858fe08a62a</a>
Lei	Xu	University of New South Wales	Giant third-harmonic emission based on mirror-enhanced anapole resonator	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/Obde7af14deb445aba7f4cf7bdfbe2a">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/Obde7af14deb445aba7f4cf7bdfbe2a</a>
Shu	Yang	Zhejiang University	GaN Power Electronics: From Lateral to Vertical	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/52451b3094d54645ac69287502807a80">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/52451b3094d54645ac69287502807a80</a>
Min Jet	Yap	Australian National University	EPR induced Frequency Dependent Squeezing for Gravitational Wave Detectors	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/34810c388a0a46ae9f13b2101805f65c">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/34810c388a0a46ae9f13b2101805f65c</a>
Min Jet	Yap	Australian National University	Reduction of Quantum Radiation Pressure Noise via Squeezed Light in the Audio- Frequency Band	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/a2cb27f22b564be1b0636c7cdf758d71">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/a2cb27f22b564be1b0636c7cdf758d71</a>
Julia	Yeomans	University of Oxford	Active Matter	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/711d21be02a64a7c87c5e5ddd10fecda">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/711d21be02a64a7c87c5e5ddd10fecda</a>
Chunming	Yin	University of New South Wales	Quantum Control of Spins in Solids	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/8c82e73570604f2fa88df9d032a1cfb1">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/8c82e73570604f2fa88df9d032a1cfb1</a>
Masayuki	Yokoyama	National Institute for Fusion Science	An attempt for the thermal transport modelling of fusion plasmas based on the statistical approach	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/2791fa87fb144e0a66cd95389f9178e">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/2791fa87fb144e0a66cd95389f9178e</a>
Azwa	Zakaria	University of Queensland	Solid-state single photons for quantum photonics	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/b2a49c558509493c8feb4a48d143caec">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/b2a49c558509493c8feb4a48d143caec</a>
Khosro	Zangeneh Kamali	Australian National University	Reversible Control of the Image Contrast via Thermally Tunable Metasurfaces	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/2c2f4506ff5648729e33ffc3418209ca">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/2c2f4506ff5648729e33ffc3418209ca</a>
Shu	Zhang	University of Queensland	Thermodynamic microscopic machine	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/0e05370fa7cf4117ad9fe49f2cf3cc512">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/0e05370fa7cf4117ad9fe49f2cf3cc512</a>
Jue	Zhang	University of Western Australia	Low Frequency Squeezing Measurement with Double Carriers and High Frequency Squeezing Injection	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/4589b3bed2364c66ac97b007ba081290">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/4589b3bed2364c66ac97b007ba081290</a>
Wei-wei	Zhang	University of Sydney	Evaluation of Threshold for Topological Codes under biased noise	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/bfb93bb0cd7b4c7180049dfbb66905e4">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/bfb93bb0cd7b4c7180049dfbb66905e4</a>
Wen Qi	Zhang	University of South Australia	A minimum optical fibre setup for REDOX measurements	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/c0a42a2a3ff94d869bec2b9f289520ec">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/c0a42a2a3ff94d869bec2b9f289520ec</a>
Jie	Zhao	Australian National University	High-fidelity squeezing gate for continuous-variable quantum light field	<a href="https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/47de0c423c5e435ab43cebb3f4b9b96f">https://az659834.vo.msecnd.net/eventsaireasiaprod/production-conlog-public/47de0c423c5e435ab43cebb3f4b9b96f</a>



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Zijun	Zhao	University of Sydney	Antireflection coating of barriers to enhance electron tunnelling: exploring the matter wave analogy of	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/8887a5a3220943148ce8df6510679d74">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/8887a5a3220943148ce8df6510679d74</a>
Jiangbo	Zhao	Leibniz Institute of Photonic Technology	Metallic Nanoparticles-Embedded Glass towards Light Modulation	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/b217549b05204254aa6749e51f493c83">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/b217549b05204254aa6749e51f493c83</a>
Chunnong	Zhao	University of Western Australia	High Frequency Technology for Next Generation Gravitational Wave Detectors	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/c5230602d25644938404ae1a7ac55d94">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/c5230602d25644938404ae1a7ac55d94</a>
Xingjiang	Zhu	Monash University	Searching for fuzzy dark matter in the Galaxy with Parkes Pulsar Timing Array	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/2dbe45ab32964189964fcc054b3b62bf">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/2dbe45ab32964189964fcc054b3b62bf</a>
Xingjiang	Zhu	Monash University	Inferring population properties of binary neutron stars with gravitational waves	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/67f0722ece754e6ab7135e437f6f6d85">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/67f0722ece754e6ab7135e437f6f6d85</a>
Magdalena	Zych	University of Queensland	Quantum formulation of the Einstein Equivalence Principle	<a href="https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/f62286cec9d747d1ae41606cc0baf9d4">https://az659834.vo.msecnd.net/eventsairseasiaproduct/production-conlog-public/f62286cec9d747d1ae41606cc0baf9d4</a>