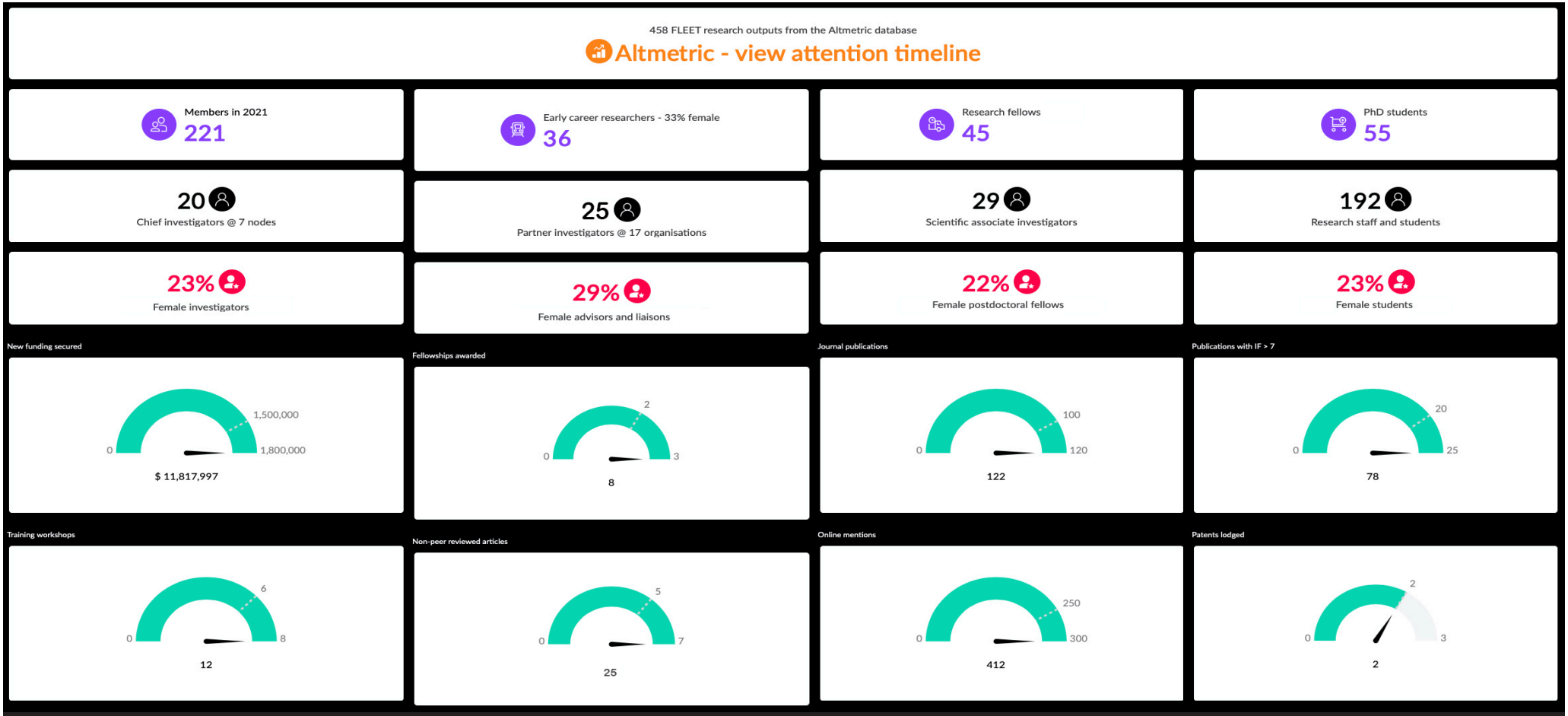

APPENDICES

A2 BOARDS AND COMMITTEES
A4 PARTNERSHIP DEVELOPMENT
A6 PRESENTATIONS
A22 FLEET-ORGANISED EVENTS
A24 OUTREACH ACTIVITIES
A30 MEMBERS IN THE MEDIA

FLEET MEMBER INVOLVED	BOARD / COMMITTEE TYPE	DESCRIPTION
David Cortie	Advisory boards	Asia Oceania Neutron Scattering Association
Susan Coppersmith	Advisory boards	Applied Physics Reviews Editorial Advisory Board
Nikhil Medhekar	Advisory boards	Pawsey Supercomputing Facility Energy and Resources Committee
Nikhil Medhekar	Advisory boards	National Computing Merit Allocations Committee
Oleg Sushkov	Advisory boards	Member of the Asia-Pacific Workshop Committee
Abigail Goff	Conference organiser	FLEET Student/ECR WG
Elena Ostrovskaya	Conference program committee	Program Committee, 22nd International Conference on Physics of Light-Matter Coupling in Nanostructures (PLMCN22)
Matthew Davis	Editorial	arXiv.org
Matthew Davis	Editorial	SciPost Physics
Matthew Davis	Editorial	Physical Review Letters
Elena Ostrovskaya	Editorial	AVS Quantum Science Editorial Board
Baoyue Zhang	Editorial	Frontiers in Electronic Materials Journal
Jian-zhen Ou	Editorial	Sensors Editorial Board
Susan Coppersmith	Editorial	Applied Physics Letters Editorial Board
Qiaoliang Bao	Editorial	Nature Publishing Journal: 2D Materials and Applications
Elena Ostrovskaya	Selecton Advisory Committee	ARC College of Experts
Elena Ostrovskaya	Task-specific working groups	ANU Service Performance Framework - Reseach and Business Development
Peggy Qi Zhang, Abigail Goff, Vivasha Govinden	Task-specific working groups	FLEET Student/ECR Working Group
Francesca Iacopi	Task-specific working groups	International Roadmap for Devices and Systems (IRDS)
Francesca Iacopi	Task-specific working groups	IEEE Electron Devices Society, Electronic Materials sub-committee
Elena Ostrovskaya	University committees	ANU Research School of Physics Excecutive Committee
Elena Ostrovskaya	University committees	ANU Research School of Physics Equity and Diversity Committee
Elena Ostrovskaya	University committees	ANU Research School of Physics Seminars and Colloquia Committee
Elena Ostrovskaya	University committees	ANU College of Science Research Committee
Hien Thi Dieu Nguyen	University committees	MSE Postgraduate Society (PGSOC)

FLEET MEMBER INVOLVED	BOARD / COMMITTEE TYPE	DESCRIPTION
Semonti Bhattacharyya	University committees	Science Faculty ECR Network, Monash University
Xiaolin Wang	University committees	Director of Institute for Superconducting and Electronic Materials
Francesca Iacopi	University committees	Academic Board of UTS

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NEW COLLABORATIONS

COLLABORATION	COLLABORATION TYPE	COUNTRIES
Tim van der Laan, CSIRO	External organisation	Australia
Ferroelectric Memory Company	End-user / Industry engagement	Germany
DSTG - Defence Science and Technology Group	End-user / Industry engagement	Australia
Melbourne Computer Club	End-user / Industry engagement	Australia
US Office of Naval Research Global	End-user / Industry engagement	USA
IMEC	End-user / Industry engagement	Belgium
MOG Laboratories Pty Ltd	End-user / Industry engagement	Australia
Natural Tech Imports Pty Ltd	End-user / Industry engagement	Australia
Azure Mining Technology Pty Ltd	End-user / Industry engagement	Australia
Tamalika Banerjee, University of Groningen	External organisation	Netherlands
Karen Livesey, University of Newcastle	External organisation	Australia

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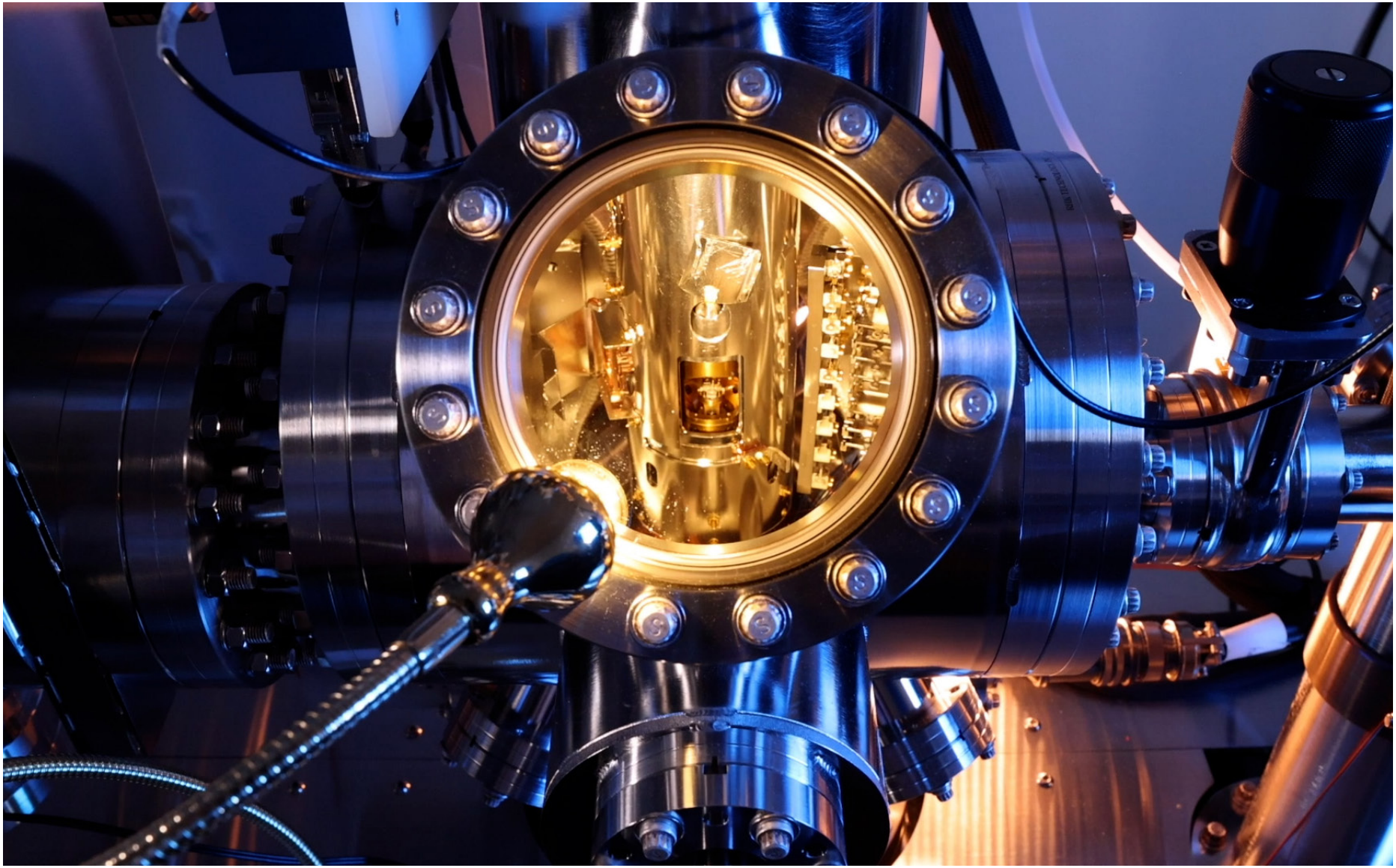

Image credit: Grant Turner

PRESENTATION TITLE	SPEAKER	EVENT NAME	COUNTRY	DATE	PRESENTATION TYPE	NOTES
Effects of interaction and losses on the synthetic gauge fields for exciton polaritons	Eliezer Estrecho	waiting for the conference on Highly Frustrated Magnetism (wHFM21)	Online - international audience	21-01-2021	Poster	
Topological spin-plasma waves	Dmitry Efimkin	waiting for the conference on Highly Frustrated Magnetism (wHFM21)	Online - international audience	21-01-2021	Conference presentation	
Variable temperature MFM measurements of magnetic oxide materials	Jan Seidel	2021 Attocube Magnetic Imaging Conference, Attocube Sytems AG	Online - international audience	9-02-2021	Conference presentation	*
A superconducting quantum computer, why we might want one and why it's hard to build one	Jared Cole	MacDiarmid Institute Annual Symposium and Future Leaders' Programme	New Zealand	10-02-2021	Research workshop / symposium	*
Research in the ARC Centre of Excellence for Future Low Energy Electronics Technologies (FLEET)	Jan Seidel	Department of Molecular Science and Technology and Department of Applied Chemistry and Biological Engineering, Ajou University	South Korea	12-02-2021	Research seminar	*
From physics to travel writing and back again	Errol Hunt	RMIT FLEET talk	Australia	10-03-2021	Public lecture	
Geometric control of universal hydrodynamic flow in a two dimensional electron fluid	Alex Hamilton	APS March Meeting	Online - international audience	19-03-2021	Conference presentation	*
Exciton-polaritons in atomically-thin semiconductors at room temperature	Matthias Wurdack	Optical Seminar ITMO University	Russia	19-03-2021	Research seminar	*
Atomic-scale evidence of surface-catalyzed gold-carbon covalent bonding	Benjamin Lowe	APS March Meeting	USA	19-03-2021	Conference presentation	
Automated Raman spectroscopy-microfluidic integrated system: a low-cost, minimally-invasive, and efficient cancer diagnostic tool	Baoyue Zhang	Electrochemistry Network: UBI Meet Up	Australia	25-03-2021	Presentation to NGOs / professional organisations	*

** indicates invited presentations to international research community*

PRESENTATION TITLE	SPEAKER	EVENT NAME	COUNTRY	DATE	PRESENTATION TYPE	NOTES
Superconducting circuits: charge-phase duality, computational materials science and the quest for ultra-low-noise electronics	Jared Cole	Melbourne University School of Physics Colloquium	Australia	30-03-2021	Colloquium	*
Quantum microscopy: Using electron spins in diamond for nanoscale vector imaging of magnetic and electric fields	Michael Barson	FLEET Research Seminar	Online - domestic audience	1-04-2021	Research seminar	*
Nonlinear quantum electrodynamics in Dirac materials	Aydin Keser	FLEET research seminar: Aydin Keser - Nonlinear Quantum Electrodynamics in Dirac materials	Australia	1-04-2021	Research seminar	*
Functional topological structures in ferroic materials	Jan Seidel	Department of Chemistry, Physical and Theoretical Chemistry, University of Graz	Austria	9-04-2021	Research seminar	*
Engineering interactions in light-matter coupled systems	Meera Parish	Melbourne University School of Physics Colloquium	Australia	13-04-2021	Colloquium	*
Probing resonating valence bond states in artificial quantum magnets	Benjamin Lowe	Monash Condensed Matter Journal Club	Online - domestic audience	15-04-2021	Journal Club	
Effects of Coulomb interactions in silicon quantum dots	Susan Coppersmith	ANU Physics Colloquium	Australia	22-04-2021	Colloquium	*
Antiferromagnetic domains in $MnBi_2Te_4$	Peggy Schoenherr	FLEET Theme 1AB update	Australia	29-04-2021	Journal Club	
Aust-US Colloquium: Generating an anomalous Hall effect in a non-magnetic conductor: an in-plane magnetic field as a probe of the Berry curvature	Dimi Culcer	United States - Australia Transpacific Colloquium	Online - international audience	5-05-2021	Colloquium	*
Effect of depolarization field and thickness variation on domain configurations and switching behaviour in (001) $PbZr_{0.4}Ti_{0.6}O_3$/ $SrTiO_3$/ $PbZr_{0.4}Ti_{0.6}O_3$ epitaxial heterostructures	Vivasha Govinden	SAF-ISIF-PFM Virtual Platform	Online - international audience	17-05-2021	Conference presentation	

** indicates invited presentations to international research community*

PRESENTATION TITLE	SPEAKER	EVENT NAME	COUNTRY	DATE	PRESENTATION TYPE	NOTES
Strain, domain walls, and the spin cycloid in $BiFeO_3$ thin films	Daniel Sando	International Symposium on Applications of Ferroelectrics	Online - international audience	17-05-2021	Conference presentation	*
Applications of nano-magnets: from information storage to heating cancer	Karen Livesey	ANSTO seminar	Australia	3-06-2021	Research seminar	*
Using density functional theory to develop materials for batteries, sensors and electronic devices	Michelle Spencer	Centre for Materials Science, Molecular, Physical and Materials Sciences seminar program QUT	Australia	11-06-2021	Research seminar	*
Quantum behavior of a heavy impurity in a Bose gas	Meera Parish	SuperFluctuations 2021	Italy	14-06-2021	Conference presentation	*
Bosonic condensate of exciton-polaritons in light-induced potentials	Elena Ostrovskaya	Physics Seminar at Wroclaw University of Science and Technology	Poland	14-06-2021	Colloquium	*
Measuring Non-Hermitian topological invariants with exciton polaritons	Eliezer Estrecho	CLEO/Europe EQEC 2021	Online - international audience	21-06-2021	Conference presentation	
FLEET overview	Dimi Culcer, Michael Fuhrer	FLEET overview given to Chih-Piao Chuu and Han Wang of TSMC	Online - international audience	28-06-2021	Technical briefing - to government / industry	
FLEET overview	Michael Fuhrer	FLEET overview given to Tony Schenk, Ferroelectric Memory Company	Online - international audience	1-07-2021	Technical briefing - to government / industry	
Controlling dopants in 2D metal oxides for modulating their bandgap	Mohammad Ghasemian	FLEET 2021 Strategic Workshop	Australia	7-07-2021	Research workshop / symposium	*
Assembled topological insulator-ferromagnet interfaces	Semonti Bhattacharyya	FLEET 2021 Strategic Workshop	Australia	7-07-2021	Research workshop / symposium	

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PRESENTATION TITLE	SPEAKER	EVENT NAME	COUNTRY	DATE	PRESENTATION TYPE	NOTES
Long-range surface-assisted intermolecular hybridization	Agustin Schiffrin	ICN+T Conference 2021	Online - international audience	14-07-2021	Conference presentation	
Towards 2D organic quantum electronic nanomaterials	Agustin Schiffrin	Physics Seminar at QUT	Australia	20-07-2021	Research seminar	*
Quantum stochastic resonance	Susan Coppersmith	AIP Theoretical Physics Seminar	Australia	22-07-2021	Research seminar	*
Exciton movement: understanding how they are born, where they move and when they die	Jared Cole	HQS Quantum Simulations seminar	Germany	23-07-2021	Technical briefing - to government / industry	*
Super-R $BiFeO_3$: Anisotropic epitaxial stabilization of a low-symmetry ferroelectric with enhanced electromechanical response	Daniel Sando	Ferroelectures	Online - international audience	12-08-2021	Research seminar	*
Nonlinear quantum electrodynamics in Dirac materials	Aydin Keser	Around-the-Clock Around-the-Globe Magnetics Conference	Online - international audience	24-08-2021	Poster	*
Quantum behaviour of a heavy impurity in a Bose gas	Meera Parish	Quantum 2021	France	9-09-2021	Conference presentation	*
Radio-frequency response and contact of impurities in a quantum gas	Jesper Levinsen	Quantum 2021	Spain	9-09-2021	Conference presentation	*
Aust-US Colloquium: Exploring non-Hermitian physics with exciton polaritons	Elena Ostrovskaya	United States - Australia Transpacific Colloquium	Online - international audience	9-09-2021	Colloquium	*
Tuning electronic properties of quantum materials with van der Waals stacking	Semonti Bhattacharyya	Leiden University Research Seminar	Netherlands	13-09-2021	Research seminar	*
Large area ultrathin insulators for van der Waals stacking	Semonti Bhattacharyya	World Laureate Forum	China	23-09-2021	Conference presentation	*
Topotactic phase transformation and electrochromism for efficient coloration applications in epitaxial $SrCo_{1-x}Fe_xO_{3-\delta}$ thin films	Hien Thi Dieu Nguyen	European Materials Research Society Fall Meeting 2021	Online - domestic audience	24-09-2021	Poster	

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PRESENTATION TITLE	SPEAKER	EVENT NAME	COUNTRY	DATE	PRESENTATION TYPE	NOTES
Developing 2D materials for device applications	Michelle Spencer	Virtual Vacuum Congress 2021	Online - international audience	6-10-2021	Conference presentation	*
Magnetic thin film heterostructures for signal processing in the GHz and THz regimes	Karen Livesey	Virtual Vacuum Congress 2021	Online - international audience	7-10-2021	Conference presentation	*
Nanoscale bubble domains and topological transitions in ultrathin ferroelectric films	Peggy Qi Zhang	Virtual Vacuum Congress 2021	Online - international audience	8-10-2021	Conference presentation	*
Aust-US Colloquium: Quantum stochastic resonance of individual Fe atoms	Susan Coppersmith	United States - Australia Transpacific Colloquium	Online - international audience	13-10-2021	Colloquium	*
Protonic Gate-tuned 2D materials and hetero-structures	Lan Wang	The 12th Recent Progress of Graphene and two dimensional materials Research Conference	South Korea	14-10-2021	Conference presentation	*
Understanding and optimizing silicon/silicon-germanium heterostructures for quantum dot qubits	Susan Coppersmith	Frontiers in Quantum Computing	USA	19-10-2021	Conference presentation	*
Geometric control of universal hydrodynamic flow in a two dimensional electron fluid	Oleg Sushkov	APW-RIKEN-Tsing-hua-Kavli workshop 2021 "Highlights on condensed matter physics"	Japan	21-10-2021	Research workshop / symposium	*
Nonlinear quantum electrodynamics in Dirac materials	Aydin Keser	APW-RIKEN-Tsing-hua-Kavli workshop 2021 "Highlights on condensed matter physics"	Japan	22-10-2021	Poster	
Imaging light-matter quantum fluids	Eliezer Estrecho	11th International Conference on Theoretical and Applied Physics	Indonesia	27-10-2021	Conference presentation	*
Geometric control of universal hydrodynamic flow in a two dimensional electron fluid	Aydin Keser	Sabanci University Condensed matter seminar series	Turkey	27-10-2021	Research seminar	*

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PRESENTATION TITLE	SPEAKER	EVENT NAME	COUNTRY	DATE	PRESENTATION TYPE	NOTES
New approaches to produce 2D materials at the liquid-liquid interface of liquid alloys	Mohannad Mayyas	FLEET Theme 1AB update (combined with Monash Condensed Matter Physics Journal Club)	Australia	28-10-2021	Research seminar	*
Geometric control of universal hydrodynamic flow in a two dimensional electron fluid	Aydin Keser	CMT seminar, Max Planck Institute for the Physics of Complex S ystems	Germany	28-10-2021	Research s eminar	*
The dark side of hybrid light-matter quantum systems	Meera Parish	St Andrews virtual colloquia series	UK	29-10-2021	Colloquium	*
Interactions and collective excitations of condensed exciton-polaritons	Elena Ostrovskaya	ANZ Cold Atoms Seminar series	Online - international audience	29-10-2021	Research seminar	*
Artificial-intelligence-driven scanning probe microscopy	Agustin Schiffrin	Colloquium at Oxford Instruments	Online - international audience	3-11-2021	Technical briefing - to government / industry	*
FLEET-ANSTO seminar: Designing materials of the future at ANSTO Centre for Accelerator Science	Kirrily Rule	FLEET-ANSTO seminar - Designing materials of the future at ANSTO Centre for Accelerator Science	Online - domestic audience	4-11-2021	Research seminar	*
Applications of scanning probe microscopy on characterization and manipulation of ferroelectric topological defects	Peggy Qi Zhang	Asylum Research workshop	France	5-11-2021	Research workshop / symposium	*
Using ferroelectric topological defects to create next-generation low-energy electronic devices	Peggy Qi Zhang	2021 ANFF showcase	Australia	9-11-2021	Research workshop / symposium	*
Ferroelectric domain wall memory – a new data storage paradigm	Daniel Sando	2021 ANFF showcase	Online - domestic audience	9-11-2021	Conference presentation	
Aust-US Colloquium: Topological materials for low-energy electronics	Michael Fuhrer	United States - Australia Transpacific Colloquium	Online - international audience	10-11-2021	Colloquium	*

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PRESENTATION TITLE	SPEAKER	EVENT NAME	COUNTRY	DATE	PRESENTATION TYPE	NOTES
Super R' $BiFeO_3$: Anisotropic epitaxial stabilisation of a low-symmetry ferroelectric with enhanced electromechanical response	Daniel Sando	12th APCTP Multiferroics Workshop	Online - international audience	15-11-2021	Conference presentation	*
Topotactic phase transformation and electrochromism in $SrFe_xCo_{1-x}O_{3-\delta}$ thin films	Hien Thi Dieu Nguyen	12th APCTP Multiferroics Workshop	Online - international audience	15-11-2021	Research workshop / symposium	
Topological spin-plasma waves	Dmitry Efimkin	12th APCTP Multiferroics Workshop	Online - international audience	16-11-2021	Conference presentation	*
Switching on a Fermi superfluid	Chris Vale	ANZ Cold Atoms Seminar series	Online - international audience	26-11-2021	Research seminar	*
Significant pressure effects on iron-based superconductor families: Superconductivity, flux pinning and vortex dynamics	Xiaolin Wang	34th International Symposium on Superconductivity	Japan	1-12-2021	Conference presentation	*
Lifshitz spin liquid and hour-glass magnetic dispersion in underdoped cuprates	Oleg Sushkov	34th International Symposium on Superconductivity	Japan	2-12-2021	Conference presentation	*
The effect of pinholes on Josephson transport in $Al/AlO_x/Al$ junctions	Karen Bayros	AIP Summer Meeting	Online - international audience	7-12-2021	Poster	
Widefield magnetic field and nonoscale electric field imaging using NV centres in diamond	Michael Barson	AIP Summer Meeting	Online - international audience	7-12-2021	Conference presentation	*
Resonant and valley contrasting photovoltaic effects	Dimi Culcer	AIP Summer Meeting	Online - international audience	7-12-2021	Conference presentation	*
Interaction-induced magnetism in 2D Kagome metal-organic frameworks on substrates	Bernard Field	AIP Summer Meeting	Online - international audience	7-12-2021	Conference presentation	
Geometric control of universal hydrodynamic flow in a two dimensional electron fluid	Aydin Keser	AIP Summer Meeting	Online - international audience	7-12-2021	Conference presentation	

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PRESENTATION TITLE	SPEAKER	EVENT NAME	COUNTRY	DATE	PRESENTATION TYPE	NOTES
Topology in disordered materials	Julie Karel	AIP Summer Meeting	Online - international audience	7-12-2021	Conference presentation	
Crossover from 2D ferromagnetic insulator to wide bandgap quantum anomalous Hall insulator in ultra-thin $MnBi_2Te_4$	Chi Xuan Trang	AIP Summer Meeting	Online - international audience	7-12-2021	Conference presentation	
Understanding and improving robustness of topological phases in nanodevices	Susan Coppersmith	AIP Summer Meeting	Online - international audience	7-12-2021	Conference presentation	
Topological materials for low-energy electronics	Michael Fuhrer	AIP Summer Meeting	Online - international audience	8-12-2021	Conference presentation	*
Fast adiabatic switching of Floquet-Bloch states in monolayer WS_2 reveals coherent dynamics	Stuart Earl	AIP Summer Meeting	Online - international audience	8-12-2021	Conference presentation	
Exploring atomic force microscopy for nanoscale mechanical experiments	Peggy Schoenherr	AIP Summer Meeting	Online - international audience	8-12-2021	Conference presentation	
Deterministic switching of ferroelectric bubble nanodomains	Peggy Qi Zhang	AIP Summer Meeting	Online - international audience	8-12-2021	Conference presentation	
Importance of interactions for the band structure of the topological Dirac semimetal Na_3Bi	Iolanda Di Bernardo	AIP Summer Meeting	Online - international audience	8-12-2021	Conference presentation	
Microscopic model of Rydberg exciton-polaritons in a magnetic field	Emma Laird	AIP Summer Meeting	Online - international audience	8-12-2021	Conference presentation	
Strongly correlated electrons in 2D Kagome metal-organic frameworks	Agustin Schiffrin	AIP Summer Meeting	Online - international audience	8-12-2021	Conference presentation	*
Josephson junctions: modelling their fabrication and electrical response at the atomic scale	Jared Cole	AIP Summer Meeting	Online - international audience	8-12-2021	Conference presentation	

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PRESENTATION TITLE	SPEAKER	EVENT NAME	COUNTRY	DATE	PRESENTATION TYPE	NOTES
Spin-orbit and topology in 1D quantum wires	Karina Hudson	AIP Summer Meeting	Online - international audience	9-12-2021	Conference presentation	*
Experimental evidence of topological magnetotransport on porous Bi_2Te_3	Alexander Nguyen	AIP Summer Meeting	Online - international audience	9-12-2021	Conference presentation	
Formation of a stable surface oxide in $MnBi_2Te_4$ thin films	Golrokh Akhgar	AIP Summer Meeting	Online - international audience	9-12-2021	Conference presentation	
Multidimensional coherent spectroscopy to reveal interactions in strongly correlated materials	Rishabh Mishra	AIP Summer Meeting	Online - international audience	9-12-2021	Conference presentation	
Technique for transfer of epitaxial topological insulator films to arbitrary substrates	Semonti Bhattacharyya	AIP Summer Meeting	Online - international audience	9-12-2021	Conference presentation	
Dynamical mechanisms of vortex pinning in superfluid thin films	Matthew Reeves	AIP Summer Meeting	Online - international audience	9-12-2021	Conference presentation	*
Microanonical Monte Carlo sampling of a 2D vortex gas	Tim Edmonds	AIP Summer Meeting	Online - international audience	9-12-2021	Poster	
Magnetoresistance and temperature dependent resistivity measurements on porous Bi_2Te_3	Alexander Nguyen	FLEET 2021 Annual Workshop	Online - domestic audience	13-12-2021	Poster	
Strong electron correlations in a 2D Kagome metal-organic framework	Benjamin Lowe	FLEET 2021 Annual Workshop	Online - domestic audience	13-12-2021	Poster	
Mini-bands in GaAs lateral superlattices	Daisy Qingwen Wang	FLEET 2021 Annual Workshop	Online - domestic audience	13-12-2021	Poster	
Equatorial magnetoplasmoms	Dmitry Efimkin	FLEET 2021 Annual Workshop	Online - domestic audience	13-12-2021	Poster	

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PRESENTATION TITLE	SPEAKER	EVENT NAME	COUNTRY	DATE	PRESENTATION TYPE	NOTES
Exciton-polaritons in a magnetic field	Emma Laird	FLEET 2021 Annual Workshop	Online - domestic audience	13-12-2021	Poster	
Observation of new level crossings and strong electron-hold asymmetry in Landau level spectra of bilayer graphene	Feixiang Xiang	FLEET 2021 Annual Workshop	Online - domestic audience	13-12-2021	Poster	
Exciton-polariton dynamics in microcavity structures	Gary Beane	FLEET 2021 Annual Workshop	Online - domestic audience	13-12-2021	Poster	
Surface-assisted molecule hybridization: From lifts of energy degeneracy to 2D molecular bands	Jack Hellerstedt	FLEET 2021 Annual Workshop	Online - domestic audience	13-12-2021	Poster	
Exciton-polaron interactions in monolayer WS_2	Jack Muir	FLEET 2021 Annual Workshop	Online - domestic audience	13-12-2021	Poster	
Microscopic calculation of polariton scattering in semiconductor microcavities	Jesper Levinsen	FLEET 2021 Annual Workshop	Online - domestic audience	13-12-2021	Poster	
Phonon-polaritons engineering	Jiong Yang	FLEET 2021 Annual Workshop	Online - domestic audience	13-12-2021	Poster	
Electronic properties of chiral bismuth nanotubes	Joshua Gray	FLEET 2021 Annual Workshop	Online - domestic audience	13-12-2021	Poster	
High-temperature condensation and non-hermitian effects of exciton polaritons in AlGaAs based cavities	Maciej Pieczarka	FLEET 2021 Annual Workshop	Online - domestic audience	13-12-2021	Poster	
Direct measurement of biexcitons in monolayer WS_2	Mitchell Conway	FLEET 2021 Annual Workshop	Online - domestic audience	13-12-2021	Poster	
Interplay between polarization and quantum correlations of confined polaritons	Olivier Bleu	FLEET 2021 Annual Workshop	Online - domestic audience	13-12-2021	Poster	

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PRESENTATION TITLE	SPEAKER	EVENT NAME	COUNTRY	DATE	PRESENTATION TYPE	NOTES
Destruction of topological edge states by long range percolation disorder	Oleg Sushkov	FLEET 2021 Annual Workshop	Online - domestic audience	13-12-2021	Poster	
Ultrafast optical control of topological invariants in 2D materials	Phat Nguyen	FLEET 2021 Annual Workshop	Online - domestic audience	13-12-2021	Poster	
Probing domain wall dynamics in magnetic Weyl semimetals via non-linear electrical response	Reza Asgari	FLEET 2021 Annual Workshop	Online - domestic audience	13-12-2021	Poster	
Progress on the Australian quantum gas microscope	Sascha Hoinka	FLEET 2021 Annual Workshop	Online - domestic audience	13-12-2021	Poster	
Nonlinear electrical responses of spin-2/2 hole systems	Sina Gholizadeh	FLEET 2021 Annual Workshop	Online - domestic audience	13-12-2021	Poster	
CMR in Ti: Cr_2Se_3	Weiyao Zhao	FLEET 2021 Annual Workshop	Online - domestic audience	13-12-2021	Poster	
Tuning the edge transport of TCI planar bismethene	Yuefeng Yin	FLEET 2021 Annual Workshop	Online - domestic audience	13-12-2021	Poster	
Correlated physics in triangular anti-dot lattices	Zeb Krix	FLEET 2021 Annual Workshop	Online - domestic audience	13-12-2021	Poster	
FLEET Research Theme 2: Exciton superfluids research update	Elena Ostrovskaya	FLEET 2021 Annual Workshop	Online - domestic audience	13-12-2021	Research workshop / symposium	
Novel two-dimension hexagonal metal oxide for advanced electronic technology	Baoyue Zhang	FLEET 2021 Annual Workshop	Online - domestic audience	14-12-2021	Poster	
Determination of spin quantization in the edge states of a quantum spin hall insulator	Cheng Tan	FLEET 2021 Annual Workshop	Online - domestic audience	14-12-2021	Poster	

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PRESENTATION TITLE	SPEAKER	EVENT NAME	COUNTRY	DATE	PRESENTATION TYPE	NOTES
Large pressure-induced electronic structure change in van der Waals materials	Chutian Wang	FLEET 2021 Annual Workshop	Online - domestic audience	14-12-2021	Poster	
Exceptional-point-induced negative mass exciton-polaritons based on atomically thin semiconductor	Eliezer Estrecho	FLEET 2021 Annual Workshop	Online - domestic audience	14-12-2021	Poster	
Unconventional exciton-polaron with monolayer/bilayer/trilayer graphene	Guangyao Li	FLEET 2021 Annual Workshop	Online - domestic audience	14-12-2021	Poster	
Implementation of Python for data analysis and 3D modelling	Hazel Lam	FLEET 2021 Annual Workshop	Online - domestic audience	14-12-2021	Poster	
Hybrid dark excitons in monolayer MoS_2	Hong Liu	FLEET 2021 Annual Workshop	Online - domestic audience	14-12-2021	Poster	
Modelling Josephson effects in superconducting nanoscale devices	Karen Bayros	FLEET 2021 Annual Workshop	Online - domestic audience	14-12-2021	Poster	
WTe_2 monolayers - growth & transfer	Liam Watson	FLEET 2021 Annual Workshop	Online - domestic audience	14-12-2021	Poster	
Ga_20_3 as a large area, passivation and protection layer on CVD Graphene	Matthew Gebert	FLEET 2021 Annual Workshop	Online - domestic audience	14-12-2021	Poster	
Enhancing ground state population and macroscopic coherence of room temperature WS_2 polaritons through engineered confinement	Matthias Wurdack	FLEET 2021 Annual Workshop	Online - domestic audience	14-12-2021	Poster	
Low temperature transport measurement of the g-factor and effective mass in a reduced strain SiGe system	Olivia Kong	FLEET 2021 Annual Workshop	Online - domestic audience	14-12-2021	Poster	
Nonlinear ballistic response of quantum spin hall edge states	Pankaj Bhalla	FLEET 2021 Annual Workshop	Online - domestic audience	14-12-2021	Poster	

** indicates invited presentations to international research community*

PRESENTATION TITLE	SPEAKER	EVENT NAME	COUNTRY	DATE	PRESENTATION TYPE	NOTES
Understanding of phase stability and topological transitions of ferroelectric bubble domains	Peggy Qi Zhang	FLEET 2021 Annual Workshop	Online - domestic audience	14-12-2021	Poster	
Polarisation resolved multidimensional coherent spectroscopy in strongly correlated materials	Rishabh Mishra	FLEET 2021 Annual Workshop	Online - domestic audience	14-12-2021	Poster	
Coherent dynamics of Floquet-Bloch States in monolayer WS_2 reveals first adiabatic switching	Stuart Earl	FLEET 2021 Annual Workshop	Online - domestic audience	14-12-2021	Poster	
Topological transitions in epitaxial ultrathin ferroelectric heterostructures	Vivasha Govinden	FLEET 2021 Annual Workshop	Online - domestic audience	14-12-2021	Poster	
Syrmions in strained BFO: a computational approach	Tiziana Musso	FLEET 2021 Annual Workshop	Online - domestic audience	14-12-2021	Poster	
Functional $BiTe_3$-based materials for superior thermoelectric refigeration and power generation	Guangsai Yang	FLEET 2021 Annual Workshop	Online - domestic audience	14-12-2021	Poster	
FLEET Research Theme 1 A B: Topological insulators, atomically-thin materials and nano-device fabrication research update	Alex Hamilton	FLEET 2021 Annual Workshop	Online - domestic audience	14-12-2021	Research workshop / symposium	
Using low energy ion beams to pattern the surface of novel semiconductors	Abdulhakim Bake	FLEET 2021 Annual Workshop	Online - domestic audience	15-12-2021	Poster	
Correlations-induced magnetism in a substrate-supported 2D metal-organic framework	Bernard Field	FLEET 2021 Annual Workshop	Online - domestic audience	15-12-2021	Poster	
Modulating van der Waals ferromagnetic metals via proton intercalation	Cheng Tan	FLEET 2021 Annual Workshop	Online - domestic audience	15-12-2021	Poster	
New capabilities of thin X-ray diffraction using two-dimensional detector	Daniel Sando	FLEET 2021 Annual Workshop	Online - domestic audience	15-12-2021	Poster	

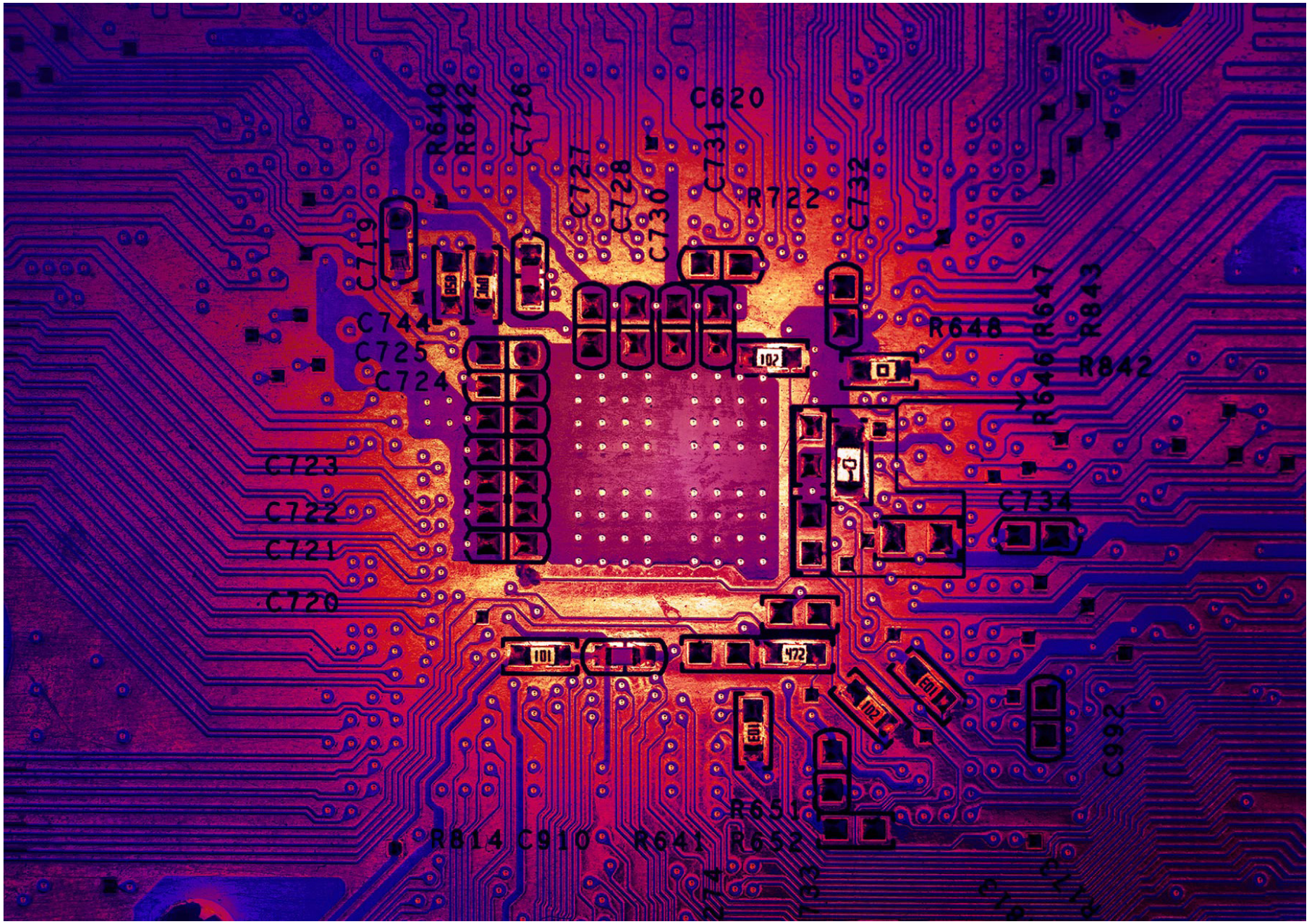
** indicates invited presentations to international research community*

PRESENTATION TITLE	SPEAKER	EVENT NAME	COUNTRY	DATE	PRESENTATION TYPE	NOTES
Good vibrations? Phonons in thermoelectric topological insulators	David Cortie	FLEET 2021 Annual Workshop	Online - domestic audience	15-12-2021	Poster	
Signatures of the orthogonality catastrophe in a coherently driven impurity	Haydn Adlong	FLEET 2021 Annual Workshop	Online - domestic audience	15-12-2021	Poster	
Strain engineering and electrochromism of Sr-$Fe_{0.34}Co_{0.66}O_{3-\delta}$ thin films on various conditions	Hien Thi Dieu Nguyen	FLEET 2021 Annual Workshop	Online - domestic audience	15-12-2021	Poster	
Defects, band bending and ionization rings in MoS_2	Iolanda Di Benardo	FLEET 2021 Annual Workshop	Online - domestic audience	15-12-2021	Poster	
Quantum magnetic imaging of electrical currents	Michael Barson	FLEET 2021 Annual Workshop	Online - domestic audience	15-12-2021	Poster	
Ferroelectric domain walls for data storage and nanoelectronics	Pankaj Sharma	FLEET 2021 Annual Workshop	Online - domestic audience	15-12-2021	Poster	
Non-equilibrium dynamics of a quenched Fermi gas	Paul Dyke	FLEET 2021 Annual Workshop	Online - domestic audience	15-12-2021	Poster	
Technique for transfer of epitaxial topological insulator films to arbitrary substrates	Semonti Bhattacharyya	FLEET 2021 Annual Workshop	Online - domestic audience	15-12-2021	Poster	
Electronic transport in thin Dirac semimetals	Son Ho	FLEET 2021 Annual Workshop	Online - domestic audience	15-12-2021	Poster	
Radio frequency spectroscopy of quantum gases	Weizhe Liu	FLEET 2021 Annual Workshop	Online - domestic audience	15-12-2021	Poster	
Realization of p-type Ohmic in monolayer WSe_2 field-effect transistors at cryogenic temperature using MoO_3/Pd electrodes	Yi-Hsun Chen	FLEET 2021 Annual Workshop	Online - domestic audience	15-12-2021	Poster	

** indicates invited presentations to international research community*

PRESENTATION TITLE	SPEAKER	EVENT NAME	COUNTRY	DATE	PRESENTATION TYPE	NOTES
Influence of device geometry and imperfections on the interpretation of transverse magnetic focusing experiments	Yik Kheng Lee	FLEET 2021 Annual Workshop	Online - domestic audience	15-12-2021	Poster	
All-epitaxial aluminium gates for high mobility and low noise quantum point contacts in GaAs/$Al_xGa_{1-x}As$ systems	Yonatan Ashlea-Alava	FLEET 2021 Annual Workshop	Online - domestic audience	15-12-2021	Poster	
Observation of itinerant ferromagnetism and coupled magnetoresistance in a spinel $CuCo_2S_4$	Zengji Yue	FLEET 2021 Annual Workshop	Online - domestic audience	15-12-2021	Poster	
Spin-gapless materials for in plane QAHE $PdBr_3$	Frank Yun	FLEET 2021 Annual Workshop	Online - domestic audience	15-12-2021	Poster	
FLEET Research Theme 3: Light-transformed Materials research update	Kristian Helmerson	FLEET 2021 Annual Workshop	Online - domestic audience	15-12-2021	Research workshop / symposium	
Flexible electronics	Torben Daeneke	Briefing on flexible electronics	Online - international audience	16-12-2021	Technical briefing - to government / industry	*

** indicates invited presentations to international research community*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FLEET ORGANISED WORKSHOP / SEMINAR TITLE	EVENT TYPE	DATES	LOCATION
Future Leaders: Taking charge of your career	Professional development	3-02-2021	Online
Danfeng Li - Synthesis and electronic structure of nickelate superconductors	FLEET seminar	4-02-2021	Online
United States - Australia Transpacific Colloquium: Dmitri Basov: Programmable quantum materials	FLEET seminar	24-02-2021	Online
Industry Relations Series: Research Commercialisation: academia to industry with Erol Harvey	Industry engagement, Research development	3-03-2021	Online
Mikhail Kostylev - Magnonic reservoir computing	FLEET seminar	4-03-2021	Online
United States - Australia Transpacific Colloquium: Gil Refael: Topological physics at the light-matter interface	FLEET seminar	24-03-2021	Online
Michael Barson - Quantum microscopy: Using electron spins in diamond for nanoscale vector imaging of magnetic and electric fields	FLEET seminar	1-04-2021	Online
Aydin Keser - Nonlinear quantum electrodynamics in Dirac materials	FLEET seminar	1-04-2021	Online
Transitioning from academia to industry: A panel for ECR	Professional development	28-04-2021	Melbourne
United States - Australia Transpacific Colloquium: Eugene Demler - Quantum simulators: from the Fermi Hubbard model to quantum assisted NMR inference	FLEET seminar	28-04-2021	Online
United States - Australia Transpacific Colloquium: Dimi Culcer - Generating an anomalous Hall effect in a non-magnetic conductor: an in-plane magnetic field as a probe of the Berry curvature	FLEET seminar	5-05-2021	Online
FLEET tutorial: Quantum Hall effect and chiral superconductors	Research development	11-05-2021	Online and Monash University
United States - Australia Transpacific Colloquium: Jeanie Lau - Tunable helical edge states in van der Waals materials	FLEET seminar	26-05-2021	Online
United States - Australia Transpacific Colloquium: Brian LeRoy - Designer electronic states in van der Waals heterostructures	FLEET seminar	26-05-2021	Online
What makes women strong in what they do?	Equity & Diversity, Professional development	2-06-2021	Online
Industry Relations Series: Careers in consultancy with Sarah Jaber	Industry engagement, Research development	30-06-2021	Online
FLEET 2021 strategic workshop	FLEET research workshop	7-07-2021	Online
Applying for a DECRA	Research development	27-07-2021	Online
United States - Australia Transpacific Colloquium: Tami Pereg-Barnea - Domain and skyrmion bound states on the surface of magnetic topological insulators	FLEET seminar	28-07-2021	Online

FLEET ORGANISED WORKSHOP / SEMINAR TITLE	EVENT TYPE	DATES	LOCATION
Jennifer MacLeod: Controlling the growth of molecular nanoarchitectures on surfaces	FLEET seminar	4-08-2021	Online
Industry Relations Series: Commercialising semiconductor research with Steven Duvall	Industry engagement, Research development	10-08-2021	Online
United States - Australia Transpacific Colloquium: Jelena Vuckovic - Inverse designed integrated photonics	FLEET seminar	25-08-2021	Online
Industry relations series: The VC-backed startup career pathway	Professional development	25-08-2021	Online
Albert Davydov - Phase-change 2D materials for advanced electronics	FLEET seminar	2-09-2021	Online
United States - Australia Transpacific Colloquium: Elena Ostrovskaya - Exploring non-Hermitian phyics with exciton-polaritons	FLEET seminar	9-09-2021	Online
United States - Australia Transpacific Colloquium: Piers Coleman - Dark-matter challenges of the solid state	FLEET seminar	23-09-2021	Online
Francesca Iacopi - Augmenting silicon technologies with graphene: Epitaxial graphene on silicon wafer	FLEET seminar	30-09-2021	Online
Writing scientific research articles with Patrick O'Connor	Research development	4-10-2021	Online
Active Bystander	Equity & Diversity	5-10-2021	Online
FLEET-Exciton Science Tutorial: Optical response of 2D semiconductors: an approach based on Semiconductor Bloch Equations	Other research seminar	7-10-2021	Online
United States - Australia Transpacific Colloquium: Susan Coppersmith - Quantum stochastic resonance of individual Fe atoms	FLEET seminar	13-10-2021	Online
United States - Australia Transpacific Colloquium: Elaine Li - Semiconductor Moiré superlattices: a new material platform for quantum information science	FLEET seminar	27-10-2021	Online
FLEET-ANSTO seminar - Designing materials of the future at ANSTO Centre for Accelerator Science	FLEET seminar	4-11-2021	Online
United States - Australia Transpacific Colloquium: Michael Fuhrer - Topological materials for low-energy electronics	FLEET seminar	10-11-2021	Online
EQUS - FLEET Idea Factory 2021	Professional development, Research development	10-11-2021	Online
12th APCTP Workshop on Multiferroics	International conference	15-11-2021	Online
ARC centres joint media and presentation training	Professional development	15-11-2021	online
United States - Australia Transpacific Colloquium: David Snoke - Superfluids of light	FLEET seminar	24-11-2021	Online
FLEET 2021 annual workshop	FLEET research workshop	13-12-2021	Online

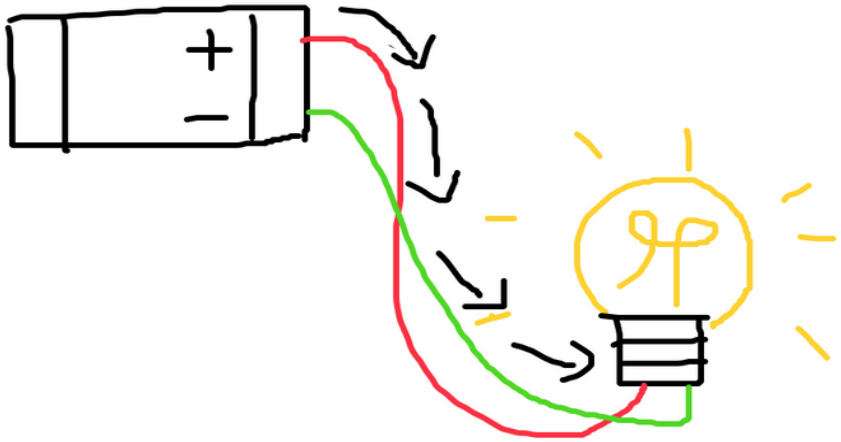
NAME OF EVENT	DATE	ACTIVITY TYPE	LOCATION	AUDIENCE
National Youth Science Forum (NYSF) visit	14-01-2021	Presentation to students	Newcastle, NSW	School students 20
Writing research blog article	19-01-2021	Writing		
FLEET UNSW node lab tour	19-01-2021	Lab tour	Sydney, NSW	
Writing research blog article	31-01-2021	Writing		
Writing research blog article	07-02-2021	Writing	Canberra, ACT	
Writing research blog article	09-02-2021	Writing		
Writing research blog article	14-02-2021	Writing		
Science Meets Parliament	01-03-2021	Briefing to government	Online	Public 1
Science Meets Parliament	01-03-2021	Briefing to government	Online	Public 1
Science Meets Parliament	01-03-2021	Briefing to government	Online	Public 1
Review of FLEET Schools, Light resource	10-03-2021	Outreach activity preparation	Clayton, VIC	
IncludeHer outreach	19-03-2021	Outreach activity preparation, School-based activities, Government outreach	Melbourne, VIC	
Radio interview: 20 PhDs in 20 minutes	20-03-2021	Outreach activity preparation, Presentation to the public	Melbourne, VIC	Public 100
Development of outreach videos	29-03-2021	Outreach activity preparation, Lab-based activities	Sydney, NSW	
Writing Tools of the trade for Nature	01-04-2021	Writing		
Outreach training of FLEET members	13-04-2021	Outreach activity preparation	Clayton, VIC	
Work experience supervision	19-04-2021	Lab-based activities	Clayton, VIC	
Melbourne Knowledge Week	26-04-2021	Public event	Melbourne, VIC	Public 350
Radio interview with Sci-Lens	30-04-2021	Outreach activity preparation, Presentation to the public	Online	
National Association of Women in Construction - tour of ANU Physics	12-05-2021	Public event	Canberra, ACT	Public 60
Melbourne IT club panel discussion	12-05-2021	Public event	Melbourne, VIC	Public 10
Writing Tools of the trade for Nature	20-05-2021	Writing		
Writing research blog article	27-05-2021	Writing		
JMSS unit preparation: Superfluids	01-06-2021	Outreach activity preparation	Online	

NAME OF EVENT	DATE	ACTIVITY TYPE	LOCATION	AUDIENCE
Laser holography demonstration	04-06-2021	Outreach activity preparation	Online	
Queensland Curriculum Assessment Authority - physics academic scrutiny	09-06-2021	Government outreach	Brisbane, QLD	
Monash 3MT	11-06-2021	Presentation to the public	Clayton, VIC	Public 70
Monash 3MT	14-06-2021	Presentation to the public	Clayton, VIC	Public 70
Student assistance for Year 12 depth study question	15-06-2021	Presentation to students	Online	
JMSS unit: FLEET introduction	17-06-2021	Presentation to students	Online	School students 30
Children's University	17-06-2021	Presentation to students	Newcastle, NSW	School students 90, School teachers 3
Writing article for Women's Research Engineers Network (WREN)	23-06-2021	Writing, Engagement with research networks	Online	
Virtual Asia Oceania Neutron Scattering FDM/EC meeting	25-06-2021	Engagement with research networks	Online	
Writing research blog article	29-06-2021	Writing		
Swinburne 3MT	01-07-2021	Presentation to the public	Online	Public 70
Research and design experiment on Piezo-electric effect for high school students	01-07-2021	Home science activities, Outreach activity preparation, Researching materials	Online	
Boulder School 2021: Ultracold Matter	05-07-2021	Presentation to students	Online	
JMSS Immersion Day: year 10	13-07-2021	Presentation to students, School-based activities	Clayton, VIC	School students 80
JMSS Immersion Day: year 11	15-07-2021	Outreach activity preparation, Presentation to students, School-based activities	Clayton, VIC	School students 70
Emmanuel School - training and preparation	19-07-2021	Outreach activity preparation	Sydney, NSW	
FLEET piezo demonstration, UNSW open day	22-07-2021	Open day	Sydney, NSW	
AIP Theoretical Physics seminar	22-07-2021	Presentation to the public, Public event	Online	Public 50
TMOS Presentation: 'How to write a paper'	29-07-2021	Engagement with research networks	Online	School students 35

NAME OF EVENT	DATE	ACTIVITY TYPE	LOCATION	AUDIENCE
STEM professional in schools Ashburton Primary presentation	30-07-2021	Presentation to students	Online	School students 85, School teachers 3
JMSS unit: Transistors	30-07-2021	Presentation to students	Online	School students 35, School teachers 2
STEM professional in schools Ashburton Primary presentation	03-08-2021	Presentation to students	Online	School students 85, School teachers 3
Laser Holography demonstration	05-08-2021	Outreach activity preparation, Lab-based activities	Melbourne, VIC	
Interviewing students for John Monash Science School (JMSS)	15-08-2021	School-based activities	Clayton, VIC	
Monash Science Industry Week (Maths/Physics Night)	19-08-2021	Industry engagement, Presentation to students	Clayton, VIC	School students 50
Writing research blog article	19-08-2021	Writing	Online	
National Science Quiz	19-08-2021	Public event	Online	Public 1200
Writing research blog article	19-08-2021	Writing	Online	
Open day: The School of Physics and Astronomy	20-08-2021	Open day	Clayton, VIC	Public 100
Student introduction to FLEET	24-08-2021	Research exhibition	Online	School students 100
Visualise Your Thesis	25-08-2021	Presentation to the public, Presentation to students	Online	Public 200
Science Communication September	01-09-2021	Public event	Online	
Writing research blog article	01-09-2021	Writing	Online	
JMSS unit: Quantum computing	03-09-2021	Presentation to students, School-based activities	Online	School students 40, School teachers 2
Press release preparation	03-09-2021	Online communications	Online	
RMIT 3MT	08-09-2021	Outreach activity preparation, Presentation to the public	Melbourne, VIC	Public 50
JMSS unit: Cold Atoms	16-09-2021	Presentation to students	Online	School students 42, School teachers 2
Writing research blog article	20-09-2021	Writing	Online	
Writing research blog article	23-09-2021	Writing	Online	
Media Release	30-09-2021	Press release preparation	Canberra, ACT	

NAME OF EVENT	DATE	ACTIVITY TYPE	LOCATION	AUDIENCE
Junior physics odyssey presentation	01-10-2021	Outreach activity preparation, Presentation to students	Brisbane, QLD	School students 50
Writing research blog article	01-10-2021	Writing	Online	
Radio Interview, ABC Mornings with Kia Handley	05-10-2021	Presentation to the public	Online	Public 1000
School presentation	06-10-2021	Presentation to students	Online	School students 10, School teachers 2
JMSS unit: Topological Insulators	08-10-2021	Presentation to students	Online	School students 42, School teachers 2
STEM professional in schools regional remote program	13-10-2021	Outreach activity preparation	Online	
Book Week 2022 idea preparation	15-10-2021	Outreach activity preparation	Sydney, NSW	
Writing research blog article	25-10-2021	Writing	Online	
JMSS unit: Exciton	29-10-2021	Presentation to students	Online	School students 40, School teachers 2
JMSS unit: virtual FLEET lab tour	29-10-2021	School-based activities	Online	School students 42, School teachers 2
CSIRO virtual work experience program	02-11-2021	Home science activities, Outreach activity preparation, School-based activities, Online communications	Online	School students 6
STEM community partnerships virtual work experience	03-11-2021	Presentation to students	Online	School students 2
Writing research blog article	03-11-2021	Writing	Online	
Writing outreach article for FLEET Schools	09-11-2021	Writing	Online	
Organiser/host of 12th APCTP Multiferroics Workshop	15-11-2021	Workshop	Online	
Balloon rocket home science	16-11-2021	Home science activities, Outreach activity preparation	Online	
Judge at John Monash Science School fair	22-11-2021	School-based activities	Online	
Science Teacher Association Victoria (STAVCON) annual conference	26-11-2021	Teachers' workshop	Online	School teachers 6

NAME OF EVENT	DATE	ACTIVITY TYPE	LOCATION	AUDIENCE
Australian Taiwanese scholar workshop 2021	26-11-2021	Presentation to the public, Research exhibition, Engagement with research networks, Workshop	Melbourne, VIC	Public 20
Writing research blog article	14-12-2021	Writing	Online	
Technical briefing to Norwegian VC - Businessizer AS	16-12-2021	Briefing to industry	Online	Public 1
Writing research blog article	22-12-2021	Writing	Online	
Writing research blog article	22-12-2021	Writing	Online	
'Ask The Physicists' Facebook page	31-12-2021	Presentation to the public, Presentation to students	Online	Public 124



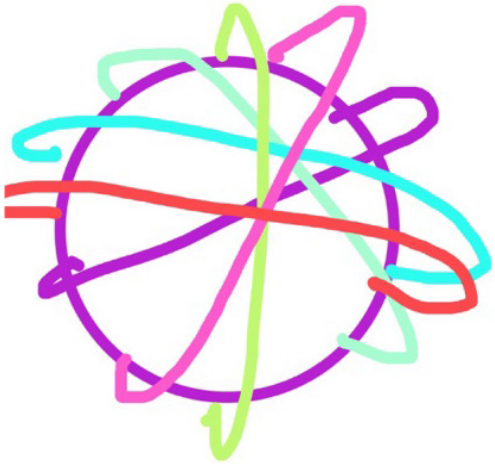


Image credits: Jason Major

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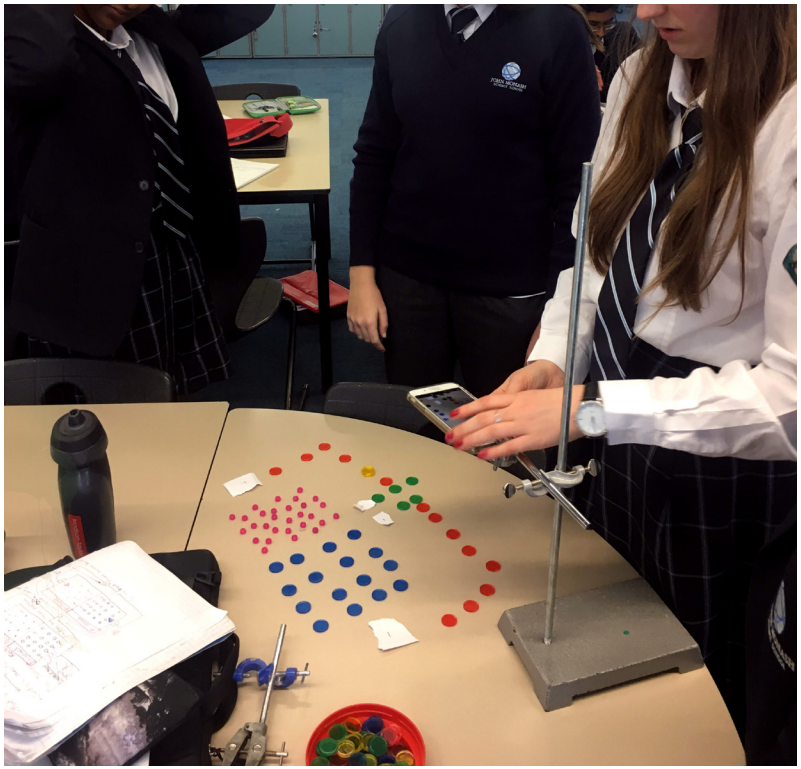

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Image credit: Jason Major

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DATE	ARTICLE TITLE	AUTHOR/S	PUBLISHER	LINKS
19-01-2021	Zebra stripes, leopard spots and other patterns on the skin of frozen metal alloys defying conventional metallurgy	Kourosh Kalantar-zadeh	FLEET research blog	fleet.org.au/blog/zebra-stripes-leopard-spots-and-other-patterns-on-the-skin-of-frozen-metal-alloys-that-defy-conventional-metallurgy
31-01-2021	Vortex ordering in superfluid films	Matthew Davis, Matthew Reeves, Oliver Stockdale	Australian Physics	
9-02-2021	Celebrating women in STEM	Meera Parish, Iolanda Di Bernardo, Wafa Afzal, Semonti Bhattacharyya, Julie Karel, Baoyue Zhang, Karen Livesey	FLEET research blog	fleet.org.au/blog/celebrating-women-in-stem
14-02-2021	Harnessing socially-distant molecular interactions for future computing	Agustin Schiffrin, Marina Castelli	FLEET research blog	fleet.org.au/blog/harnessing-socially-distant-molecular-interactions-for-future-computing
16-02-2021	Sloshing quantum fluids of light and matter to probe superfluidity	Elena Ostrovskaya, Eliezer Estrecho	FLEET research blog	fleet.org.au/blog/sloshing-quantum-fluids-of-light-and-matter-to-probe-super-fluidity
1-03-2021	Vortex ordering in superfluid films	Matthew Davis, Matthew Reeves, Oliver Stockdale	Australian Institute of Physics	
1-04-2021	Tools of the trade: Ionic gating for ion intercalation	Zengji Yue	Nature Physics Review	nature.com/articles/s42254-021-00311-8.epdf
4-05-2021	Explainer: Linkage funding for topological-thermoelectricity	Xiaolin Wang, Kirrily Rule, Zengji Yue, David Cortie	FLEET research blog	fleet.org.au/blog/explainer-linkage-funding-for-topological-thermoelectricity
20-05-2021	Tools of the trade: Laser trapping and manipulation of exciton–polariton quantum fluids	Eliezer Estrecho	Nature Reviews Physics	nature.com/articles/s42254-021-00333-2.epdf
20-05-2021	Tools of the trade: Non-disruptive techniques for depth profiling in photoemission spectroscopy	Iolanda Di Bernardo	Nature Reviews Physics	nature.com/articles/s42254-021-00331-4.epdf
27-05-2021	Electrons on the edge: Atomically-thin quantum spin Hall materials	Bent Weber	FLEET research blog	fleet.org.au/blog/electrons-on-the-edge-atomically-thin-quantum-spin-hall-materials

DATE	ARTICLE TITLE	AUTHOR/S	PUBLISHER	LINKS
29-06-2021	Identifying a topological fingerprint	Dimi Culcer	FLEET Research blog	fleet.org.au/blog/identifying-a-topological-fingerprint
16-07-2021	Introducing WREN – Connecting women engineers in Brazil and Australia	Peggy Schoenherr	UNSW	blogs.unsw.edu.au/mathsscience champions/blog/2021/07/introducing-wren-connecting-women-engineers-in-brazil-and-australia
19-08-2021	Home-grown semiconductors for faster, smaller electronics	Alex Hamilton, Daisy Qingwen Wang, Yonatan Ashlea-Alava	FLEET research blog	fleet.org.au/blog/home-grown-semiconductors-for-faster-smaller-electronics
13-09-2021	Star attraction: Magnetism generated by star-like arrangement of molecules	Agustin Schiffrin, Nikhil Medhekar, Yuefeng Yin, Bernard Field, Benjamin Lowe, Dhaneesh Gopalakrishnan, Jack Hellerstedt	FLEET research blog	fleet.org.au/blog/star-attraction-magnetism-generated-in-2d-organic-material-by-star-like-arrangement-of-molecules
21-09-2021	Electrons on the edge: The story of an intrinsic magnetic topological insulator	Chi Xuan Trang, Mark Edmonds, Qile Li	FLEET Research Blog	fleet.org.au/blog/electrons-on-the-edge-the-story-of-an-intrinsic-magnetic-topological-insulator
22-09-2021	Elements in liquid metals compete to win the surface	Kourosh Kalantar-zadeh, Mohammad Ghasemian	FLEET Research blog	fleet.org.au/blog/elements-in-liquid-metals-compete-to-win-the-surface
23-09-2021	Switching on a superfluid	Chris Vale, Paul Dyke	FLEET Research Blog	fleet.org.au/blog/switching-on-a-superfluid
3-11-2021	Quantifying spin in WTe_2 for future spintronics	Alex Hamilton, Lan Wang, Feixiang Xiang, Guolin Zheng, Cheng Tan	FLEET Research Blog	fleet.org.au/blog/quantifying-spin-in-wte2-for-future-spintronics
14-11-2021	No more moving parts: Liquid metal enabled chemical reactors	Kourosh Kalantar-zadeh, Mohannad Mayyas	FLEET research blog	fleet.org.au/blog/no-more-moving-parts-liquid-metal-enabled-chemical-reac-tors
1-12-2021	Spectroscopic probes of quantum gases	Chris Vale	Nature	nature.com/articles/s41567-021-01434-6.epdf
13-12-2021	Losing isn't always bad: Gaining topology from loss	Elena Ostrovskaya, Eliezer Estrecho	FLEET Research blog	fleet.org.au/blog/losing-isnt-always-bad-gaining-topology-from-loss

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DATE	ARTICLE TITLE	AUTHOR/S	PUBLISHER	LINKS
16-12-2021	Negative capacitance in topological transistors could reduce computing's unsustainable energy load	Dimi Culcer, Jared Cole, Michael Fuhrer, Muhammad Nadeem	FLEET research blog	fleet.org.au/blog/negative-capacitance-in-topological-transistors-could-reduce-computings-unsustainable-energy-load
22-12-2021	Vortex dynamics in two-dimensional superfluids	Oliver Stockdale	Oliver Stockdale Blog	oliver-stockdale.com/project/vortex-dynamics-in-two-dimensional-superfluids
22-12-2021	Trapping vortices in thin superfluid films	Matthew Davis, Matthew Reeves, Oliver Stockdale	FLEET Research Blog	fleet.org.au/blog/trapping-vortices-in-thin-superfluid-films

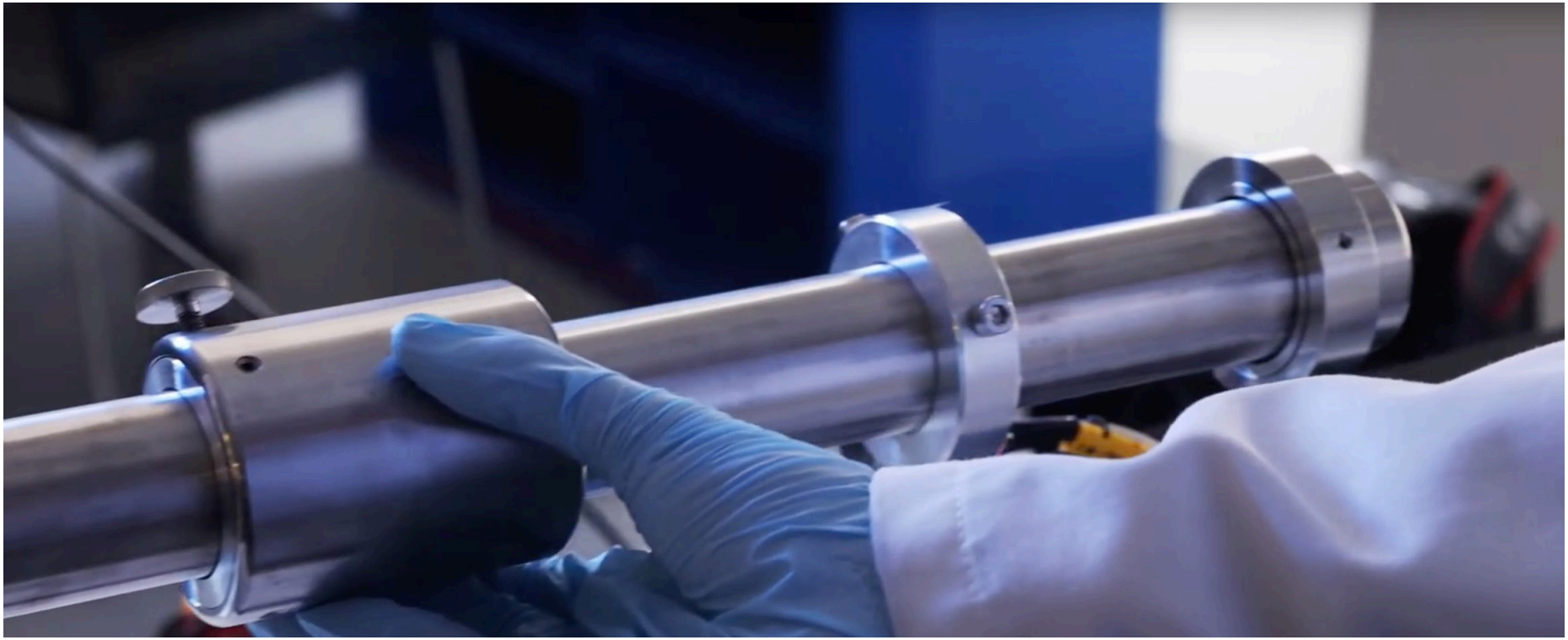

Image credit: Grant Turner

DATE	ARTICLE TITLE	AUTHOR/S	LINKS
18-01-2021	One-dimensional quantum nano-wires fertile ground for Majorana zero modes	Alex Hamilton, Karina Hudson	scimex.org/newsfeed/one-dimensional-quantum-nanow-ires-fertile-ground-for-majorana-zero-modes
19-01-2021	Nano-thin piezoelectrics advance self-powered electronics	Kourosh Kalantar-zadeh	eurekalert.org/pub_releases/2021-01/ru-npa011821.php
19-01-2021	Zebra stripes, leopard spots and other patterns on the skin of frozen metal alloys defying conventional metallurgy	Kourosh Kalantar-zadeh	scimex.org/newsfeed/zebra-stripes,-leopard-spots-and-other-patterns-on-the-skin-of-frozen-metal-alloys-defying-conventional-metallurgy
8-02-2021	Scientists create armour for fragile quantum technology	Elena Ostrovskaya, Matthias Wurdack	scimex.org/newsfeed/scientists-create-armour-for-fragile-quantum-technology
14-02-2021	Harnessing socially-distant molecular interactions for future computing	Agustin Schiffrin, Marina Castelli	scimex.org/newsfeed/harnessing-socially-distant-molecular-interactions-for-future-computing
16-02-2021	Sloshing quantum fluids of light and matter to probe superfluidity	Elena Ostrovskaya, Eliezer Estrecho	scimex.org/newsfeed/sloshing-quantum-fluids-of-light-and-matter-to-probe-superfluidity
3-03-2021	'Target identified': Teaching a machine how to identify imperfections in 2D materials	Jeff Davis, Michael Fuhrer, Pavel Kolesnichenko	scimex.org/newsfeed/target-identified-teaching-a-machine-how-to-identify-imperfections-in-2d-materials
2-04-2021	Qubits comprised of holes could be the trick to build faster, larger quantum computers	Dimi Culcer	scimex.org/newsfeed/qubits-comprised-of-holes-could-be-the-trick-to-build-faster,-larger-quantum-computers
6-04-2021	A new, positive approach could be the key to next-generation, transparent electronics	Ali Zavabeti, Torben Daeneke, Patjaree Aukarasereenont	scimex.org/newsfeed/a-new,-positive-approach-could-be-the-key-to-next-generation,-transparent-electronics
19-04-2021	Surpassing the lower limit on computing energy consumption	Dimi Culcer, Michael Fuhrer, Xiaolin Wang, Muhammad Nadeem	eurekalert.org/pub_releases/2021-04/acoe-stl041921.php
16-06-2021	Inducing and tuning spin interactions in layered material	Lan Wang, Mingliang Tian, Guolin Zheng	scimex.org/newsfeed/inducing-and-tuning-spin-interactions-in-layered-material
28-06-2021	Transforming a van-der-Waals ferromagnet for future spintronics	Lan Wang, Guolin Zheng, Cheng Tan	eurekalert.org/pub_releases/2021-06/acoe-ttl062821.php
29-06-2021	Identifying a topological fingerprint	Dimi Culcer	eurekalert.org/pub_releases/2021-06/acoe-iat062921.php

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12-07-2021	Reviewing pressure effects on iron-based high-temperature superconductors	Xiaolin Wang, Lina Sang	eurekalert.org/pub_releases/2021-07/acoe-rpe071121.php
5-08-2021	Mixing a cocktail of topology and magnetism for future electronics	Michael Fuhrer, Golrokh Akhgar, Semonti Bhattacharyya, Matthew Gebert	eurekalert.org/news-releases/924536
19-08-2021	Home-grown semiconductors for faster, smaller electronics	Alex Hamilton, Daisy Qingwen Wang, Yonatan Ashlea-Alava	scimex.org/newsfeed/home-grown-semiconductors-for-faster,-smaller-electronics
13-09-2021	Star attraction: Magnetism generated by star-like arrangement of molecules	Agustin Schiffrin, Nikhil Medhekar, Yuefeng Yin, Bernard Field, Benjamin Lowe, Dhaneesh Gopalakrishnan, Jack Hellerstedt	scimex.org/newsfeed/star-attraction-magnetism-generated-by-star-like-arrangement-of-molecules
21-09-2021	Electrons on the edge: The story of an intrinsic magnetic topological insulator	Chi Xuan Trang, Mark Edmonds, Qile Li	eurekalert.org/news-releases/929048
23-09-2021	Switching on a superfluid	Chris Vale, Paul Dyke	eurekalert.org/news-releases/929318
4-10-2021	Sandwich-style construction: Towards ultra-low-energy exciton electronics	Elena Ostrovskaya, Matthias Wurdack	scimex.org/newsfeed/sandwich-style-construction-towards-ultra-low-energy-exciton-electronics
5-10-2021	Ultra-short or infinitely long: It all looks the same	Jeff Davis, Stuart Earl	eurekalert.org/news-releases/930522
12-10-2021	Stress can be good for you: Enhancing piezoelectric properties under pressure	Nagarajan Valanoor, Daniel Sando, Laurent Bellaiche, Oliver Paull	scimex.org/newsfeed/stress-can-be-good-for-you-enhancing-piezoelectric-properties-under-pressure
3-11-2021	Quantifying spin for future spintronics	Alex Hamilton, Lan Wang, Feixiang Xiang, Guolin Zheng, Cheng Tan	eurekalert.org/news-releases/933675
8-11-2021	World record broken for thinnest X-ray detector ever created	Babar Shabbir	scimex.org/newsfeed/world-record-broken-for-thinnest-x-ray-detector-ever-created
12-11-2021	Having your cake and eating it too: Double-dosing induces magnetism while strengthening topological insulator	Lan Wang, Xiaolin Wang, Mark Edmonds, Weiyao Zhao	scimex.org/newsfeed/having-your-cake-and-eating-it-too-double-dosing-induces-magnetism-while-strengthening-topo-logical-insulator
14-11-2021	No more moving parts: Liquid metal enabled chemical reactors	Kourosh Kalantar-zadeh, Mohannad Mayyas	eurekalert.org/news-releases/934843

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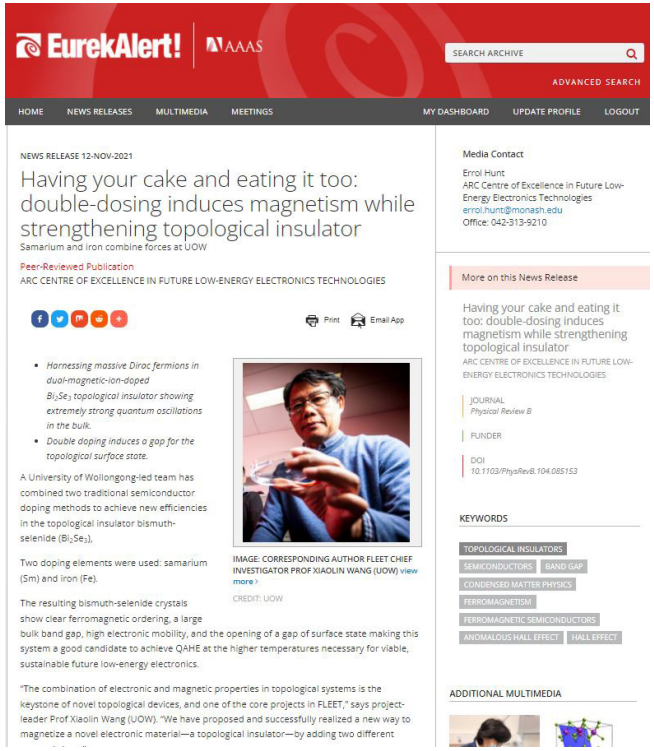
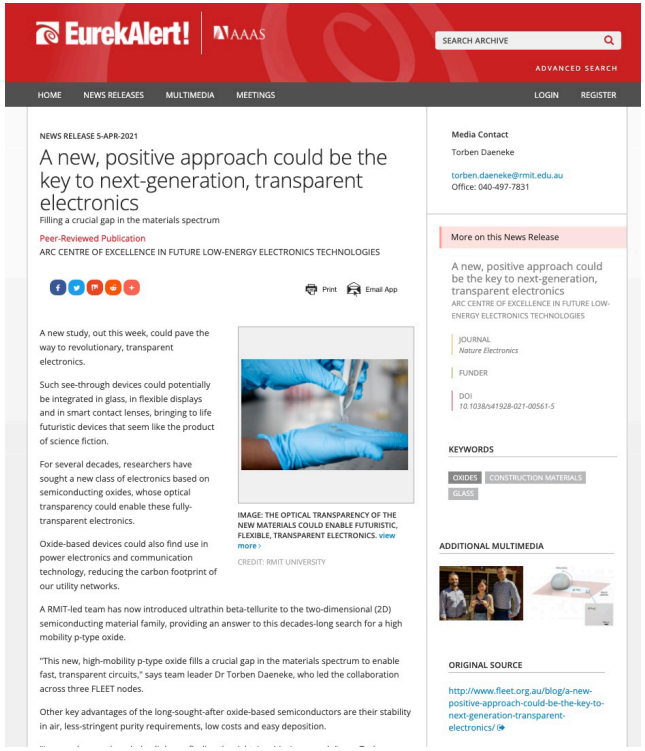
22-11-2021	By keeping ferroelectric 'bubbles' intact, researchers pave way for new devices	Nagarajan Valanoor, Peggy Qi Zhang, Laurent Bellaiche, Sergei Prokhorenko, Yousra Nahas	eurekalert.org/news-releases/935573
13-12-2021	Losing isn't always bad: Gaining topology from loss	Elena Ostrovskaya, Eliezer Estrecho	scimex.org/newsfeed/losing-isnt-always-bad-gaining-topology-from-loss
16-12-2021	Negative capacitance in topological transistors could reduce computing's unsustainable energy load	Dimi Culcer, Jared Cole, Michael Fuhrer, Muhammad Nadeem	scimex.org/newsfeed/negative-capacitance-in-topological-transistors-could-reduce-computings-unsustainable-energy-load
22-12-2021	Trapping vortices in thin superfluid films	Matthew Davis, Matthew Reeves, Oliver Stockdale	eurekalert.org/news-releases/938763





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01-01-2021	Magazine	These nanomaterials turn motion into electricity, but putting them to use requires deft engineering	Kourosh Kalantar-zadeh, Ali Zavabeti, Jian-zhen Ou, Torben Daeneke, Baoyue Zhang	Create (Engineers Australia) magazine	createdigital.org.au/nano-materials-turn-motion-into-electricity-nitu-syed
08-02-2021	Magazine	Armour created to protect 'fragile' quantum technology	Elena Ostrovskaya, Matthias Wurdack	New Electronics	newelectronics.co.uk/elec-tronics-news/armour-created-to-protect-fragile-quantum-technology/234325
01-03-2021	Magazine	Vortex ordering in superfluid films	Matthew Davis, Matthew Reeves, Oliver Stockdale	Australian Institute of Physics	
21-03-2021	Radio	Radio interview on Einstein-a-go-go	Matthew Gebert, Abigail Goff, Alexander Nguyen	Radio 3RRR	rrr.org.au/explore/programs/einstein-a-go-go/episodes/15420-einstein-a-go-go-21-march-2021
01-04-2021	Annual report	Covid-19 and the post-PhD workforce		MacDiarmid Institute	macdiarmid.ac.nz/news-and-events/news/annual-reports-pages/covid-19-and-the-post-phd-workforce
01-04-2021	Magazine	Sustainable materials: RMIT	Torben Daeneke	Materials Australia	issuu.com/materialsaustralia/docs/ma_mag_april_2021_final_issuu/47
01-04-2021	Magazine	Reviewing multiferroics for future, low-energy data storage	Daniel Sando, Stuart Burns	Materials Australia	issuu.com/materialsaustralia/docs/ma_mag_april_2021_final_is-suu/s/12180636
01-04-2021	Magazine	Game-changer in thermoelectric materials: Decoupling electronic and thermal transport	Xiaolin Wang, Guangsai Yang	Materials Australia	issuu.com/materialsaustralia/docs/ma_mag_april_2021_final_is-suu/s/12180631
30-04-2021	Radio	Radio interview on Sci-Lens	Karen Bayros	Radio Sci-Lens	soundcloud.com/radioscilens
01-05-2021	Magazine	Think positive: The key to transparent electronics	Ali Zavabeti, Torben Daeneke, Patjaree Aukarasereenont	New Electronics	issuu.com/westwick-farrowme-dia/docs/electronics_may_jun_2021/12
01-05-2021	Magazine	New study paves way for next-gen, transparent electronics	Ali Zavabeti, Torben Daeneke, Patjaree Aukarasereenont	Australian Manufacturing Technology magazine	issuu.com/amtil/docs/1552_amt_junjul21_lr/78

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15-06-2021	Magazine	Chipageddon: The coming sequel	Michael Fuhrer	Cosmos Magazine	cosmosmagazine.com/technol-ogy/computing/chipageddon-the-coming-sequel
15-06-2021	Magazine	Explainer: Why is a drought contributing to the silicon chip shortage?	Michael Fuhrer	Cosmos Magazine	cosmosmagazine.com/technology/computing/explainer-why-is-a-drought-contributing-to-the-silicon-chip-shortage
22-06-2021	Magazine	A beginner's guide to topological materials	Michael Fuhrer	IEEE Spectrum	spectrum.ieee.org/semiconductors/materials/a-beginners-guide-to-top-ological-materials
31-07-2021	Magazine	'Target identified': Teaching a machine how to identify imperfections in 2D materials	Jeff Davis, Michael Fuhrer, Pavel Kolesnichenko	Materials Australia	issuu.com/materialsaustralia/docs/ma_mag_june_2021_issuu_final
31-07-2021	Magazine	Nano-thin piezoelectrics advance self-powered electronics	Ali Zavabeti, Paul Atkin, Jian-zhen Ou, Michelle Spencer, Hareem Khan	Materials Australia	issuu.com/materialsaustralia/docs/ma_mag_june_2021_issuu_final
31-07-2021	Magazine	A new, positive approach could be the key to next-generation, transparent electronics	Torben Daeneke	Materials Australia	issuu.com/materialsaustralia/docs/ma_mag_june_2021_issuu_final
01-09-2021	Magazine	Transforming the layered ferromagnet Fe_5GeTe_2 for future spintronics	Lan Wang, Guolin Zheng, Cheng Tan	Materials Australia	issuu.com/materialsaustralia/docs/ma_september2021_2oct_final_ web/s/13564817
01-09-2021	Magazine	Inducing and tuning spin inter-actions in layered materials by insertng iron atoms, protons	Guolin Zheng	Materials Australia	issuu.com/materialsaustralia/docs/ma_september2021_2oct_final_ web/s/13564817
01-09-2021	Magazine	Electrons on the edge: Atomically-thin quantum spin Hall aterials	Bent Weber	Materials Australia	issuu.com/materialsaustralia/docs/ma_september2021_2oct_final_ web/s/13564817
01-09-2021	Magazine	Homegrown components for ultra small electronics	Yonatan Ashlea-Alava	New Electronics	s3-ap-southeast-2.amazonaws. com/production-oms/lowresissues/542/electronics_sep_oct_2021_oms.pdf
14-10-2021	Newspaper	New Sydney factory to build malware-free computers	Michael Fuhrer	Australian Financial Review	afr.com/politics/federal/new-sydney-factory-to-build-clean-com-puters-20211014-p58zv1
15-10-2021	Magazine	A slice of the semiconductor market	Michael Fuhrer	Cosmos Magazine	cosmosmagazine.com/technolo-gy/a-slice-of-the-semiconductor-market

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01-12-2021	Magazine	Electronics on the edge: The story of an intrinsic magnetic topological insulator	Chi Xuan Trang	Materials Australia	issuu.com/materialsaustralia/docs/ma_december2021_16_dec_final_issuu
01-12-2021	Magazine	Ultra-short or infinitely long: It all looks the same	Jeff Davis, Stuart Earl	Materials Australia	issuu.com/materialsaustralia/docs/ma_december2021_16_dec_final_issuu
01-12-2021	Magazine	Sandwich-style construction: Toward ultra-low-energy exciton electronics	Elena Ostrovskaya, Eliezer Estrecho, Matthias Wurdack, Tinghe Yun	Materials Australia	issuu.com/materialsaustralia/docs/ma_december2021_16_dec_final_issuu
01-12-2021	Magazine	Reviewing pressure effects on iron-based high-temperature superconductors	Xiaolin Wang, Lina Sang	Materials Australia	issuu.com/materialsaustralia/docs/ma_december2021_16_dec_final_issuu
11-12-2021	Magazine	Liquid engineering	Kourosh Kalantar-zadeh	The Economist	economist.com/science-and-technology/how-to-build-machines-from-liquid-metal/21806680

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20-04-2021	Overcoming Boltzmann's tyranny in a transistor	Xiaolin Wang, Muhammad Nadeem	University of Wollongong Research and Innovation Monthly Update	
26-05-2021	Monash Energy News	Michael Fuhrer, Mark Edmonds	Monash Energy Institute	
16-06-2021	Inducing and tuning spin interactions in layered material	Lan Wang, Mingliang Tian, Guolin Zheng	Spintronics.info	spintronics-info.com/inducing-and-tuning-spin-interactions-layered-material
30-06-2021	Gate-controlled magnetic phase transition in a van der Waals magnet	Lan Wang, Cheng Tan	Spintronics.info	spintronics-info.com/gate-controlled-magnetic-phase-transition-van-der-waals-magnet
01-07-2021	#PhysicsGotMeHere: Storyteller for the FLEET	Errol Hunt	Australian Institute of Physics	
12-08-2021	Congratulations Dr Zhi Li, a superconducting future fellow	Zhi Li	University of Wollongong/ Innovation Campus	
13-09-2021	Researchers discover how magnetism occurs in 2D 'Kagome' metal-organic frameworks	Agustin Schiffrin, Nikhil Medhekar, Dhaneesh Gopalakrishnan	Spintronics.info	spintronics-info.com/researchers-discover-how-magnetism-occurs-2d-kagome-metal-organic-frameworks
01-10-2021	ANU researchers develop atomically-thin semiconductor with 'no energy waste'	Elena Ostrovskaya, Matthias Wurdack	Australian Institute of Physics	
04-10-2021	Star attraction: Magnetism generated by star-like arrangement of molecules	Agustin Schiffrin, Nikhil Medhekar, Yuefeng Yin, Bernard Field, Benjammin Lowe, Dhaneesh Gopalakrishnan, Jack Hellerstedt	Monash Faculty of Science	
03-11-2021	Researchers quantify spin in WTe_2	Alex Hamilton, Lan Wang, Feixiang Xiang, Guolin Zheng, Cheng Tan	Spintronics.info	spintronics-info.com/re-searchers-quantify-spin-wte2
08-11-2021	World's thinnest X-ray detector	Babar Shabbir	Australian Institute of Physics	

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19-01-2021	Astonishing 'animal patterns' found on liquid metal surfaces	Kourosh Kalantar-zadeh	Mirage News	miragenews.com/astonishing-animal-patterns-found-on-liquid-metal-surfaces/
19-01-2021	Nano-thin piezoelectrics advance self-powered electronics	Kourosh Kalantar-zadeh, Paul Atkin, Jiong Yang, Jian-zhen Ou, Michelle Spencer, Mohammad Ghasemian	RMIT	rmit.edu.au/news/all-news/2021/jan/nano-thin-piezoelectrics
19-01-2021	Nano-thin piezoelectrics advance self-powered electronics	Kourosh Kalantar-zadeh, Paul Atkin, Jiong Yang, Jian-zhen Ou, Michelle Spencer, Mohammad Ghasemian	Bioengineer.org	bioengineer.org/nano-thin-piezoelec-trics-advance-self-powered-electronics/
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19-01-2021	Astonishing 'animal patterns' found on liquid metal surfaces	Kourosh Kalantar-zadeh	Business Fast	businessfast.co.uk/astonishing-an-imal-patterns-found-on-liquid-metal-surfac-es-unsw-newsroom/
19-01-2021	Zebra stripes, leopard spots and other patterns on the skin of frozen metal alloys defying conventional metallurgy	Kourosh Kalantar-zadeh	Nanowerk	nanowerk.com/nanotechnology-news2/newsid=57041.php

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19-01-2021	Nature paper echoes work of Turing with implications for future electronics, optics and CO_2 catalysis	Kourosh Kalantar-zadeh, Nicola Gaston	MacDiarmid Institute	macdiarmid.ac.nz/news-and-events/news/news-articles/new-nature-nanotechnology-paper-echoes-work-of-turing-with-implications-for-future-electronics-optics-and-co2-catalysis/
19-01-2021	Listras de zebra, manchas de leopardo e outros padrões na pele de ligas de metal congeladas que desafiam a metalurgia convencional	Kourosh Kalantar-zadeh	Zephyrnet	zephyrnet.com/pt/zebra-stripes-leopard-spots-and-other-patterns-on-the-skin-of-frozen-metal-alloys-defying-conventional-metallurgy/
19-01-2021	Astonishing 'animal patterns' found on liquid metal surfaces	Kourosh Kalantar-zadeh	UNSW Newsroom	newsroom.unsw.edu.au/news/science-tech/astonishing-%E2%80%-98animal-patterns%E2%80%99-found-liquid-metal-surfaces
19-01-2021	Zebra stripes, leopard spots and other patterns on the skin of frozen metal alloys defying conventional metallurgy	Kourosh Kalantar-zadeh	Phys.org	phys.org/news/2021-01-zebra-stripes-leopard-patterns-skin.html
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19-01-2021	One-dimensional quantum nanowires fertile ground for Majorana zero modes	Alex Hamilton, Karina Hudson	AZOM Quantum news	azoquantum.com/News.aspx-?newsID=7704
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19-01-2021	One-dimensional quantum nanowires fertile ground for Majorana zero modes	Alex Hamilton, Karina Hudson	ScienMag	scienmag.com/one-dimensional-qua-tum-nanowires-fertile-ground-for-majorana-ze-ro-modes/
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19-01-2021	One-dimensional quantum nanowires fertile ground for Majorana zero modes	Alex Hamilton, Karina Hudson	Science Daily	sciencedaily.com/releases/2021/01/210119102852.htm
20-01-2021	Diverse patterns occur at the surface of solidified metal alloys	Kourosh Kalantar-zadeh	AZO Materials	azom.com/news.aspx-?newsID=55375
20-01-2021	Nano-thin piezoelectrics advance self-powered electronics	Kourosh Kalantar-zadeh, Paul Atkin, Jiong Yang, Jian-zhen Ou, Michelle Spencer, Mohammad Ghasemian	Science Bulletin	sciencebulletin.org/nano-thin-piezoelec-trics-advance-self-powered-electronics/
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20-01-2021	Nano-thin piezoelectrics advance self-powered electronics	Kourosh Kalantar-zadeh, Paul Atkin, Jiong Yang, Jian-zhen Ou, Michelle Spencer, Mohammad Ghasemian	Manufacturers' monthly	manmonthly.com.au/news/nano-thin-piezoelectrics-advance-self-powered-electronics
20-01-2021	Nano-thin piezoelectrics advance self-powered electronics	Kourosh Kalantar-zadeh, Paul Atkin, Jiong Yang, Jian-zhen Ou, Michelle Spencer, Mohammad Ghasemian	New Electronics	newelectronics.co.uk/electronics-news/nano-thin-piezoelectrics-advance-self-powered-electronics/233768
20-01-2021	Nano-thin piezoelectrics advance self-powered electronics	Kourosh Kalantar-zadeh, Paul Atkin, Jiong Yang, Jian-zhen Ou, Michelle Spencer, Mohammad Ghasemian	Electronic Specifier	electronicspecifier.com/indus-tries/industrial/nano-thin-piezoelectrics-ad-vance-self-powered-electronics
20-01-2021	Ultra-efficient, flexible piezoelectric material could advance wearable technologies	Kourosh Kalantar-zadeh, Paul Atkin, Jiong Yang, Jian-zhen Ou, Michelle Spencer, Mohammad Ghasemian	AZO Nano	azonano.com/news.aspx-?newsID=37727
20-01-2021	Ultra-efficient, flexible piezoelectric material could advance wearable technologies	Kourosh Kalantar-zadeh, Paul Atkin, Jiong Yang, Jian-zhen Ou, Michelle Spencer, Mohammad Ghasemian	AZO Materials	azom.com/news.aspx-?newsID=55378
20-01-2021	Self-powered electronics get boost from nano-material that can be made in the kitchen	Kourosh Kalantar-zadeh	Lab Down Under	labdownunder.com/self-powered-electronics-get-boost-from-nano-material-that-can-be-made-in-the-kitchen/
21-01-2021	Nano-sized generator protects the heart	Kourosh Kalantar-zadeh, Paul Atkin, Jiong Yang, Jian-zhen Ou, Michelle Spencer, Mohammad Ghasemian	Healthcare in Europe	healthcare-in-europe.com/en/news/nano-sized-generator-protects-the-heart.html

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30-01-2021	Nano-thin piezoelectrics advance self-powered electronics	Kourosh Kalantar-zadeh	Nanotechnology World	nanotechnologyworld.org/post/nano-thin-piezoelectrics-advance-self-pow-ered-electronics
01-02-2021	'Zebra stripe' patterns form on solidify-ing metal alloys	Kourosh Kalantar-zadeh	Physics World	physicsworld.com/a/zebra-stripe-pat-terns-form-on-solidifying-metal-alloys/
08-02-2021	New armour for fragile quantum tech-nology	Elena Ostrovskaya, Matthias Wurdack	Swiss Quantum Hub	swissquantumhub.com/new-armour-for-fragile-quantum-technology/
08-02-2021	Scientists create armour for fragile quantum technology	Elena Ostrovskaya, Matthias Wurdack	ARC Research Highlights	arc.gov.au/news-publications/media/research-highlights/scientists-create-armour-fragile-quantum-technology#
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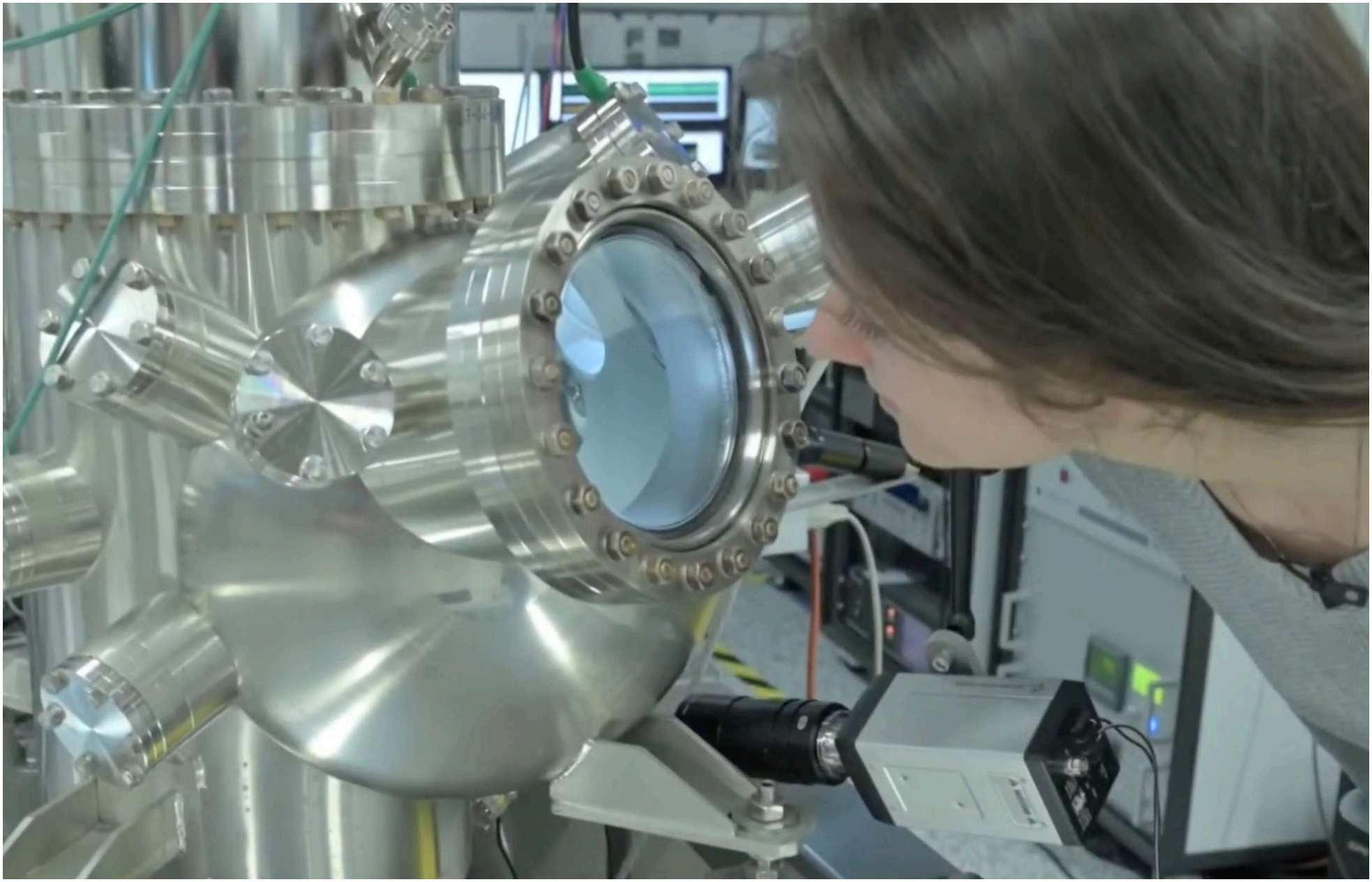

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CONTACT@FLEET.ORG.AU
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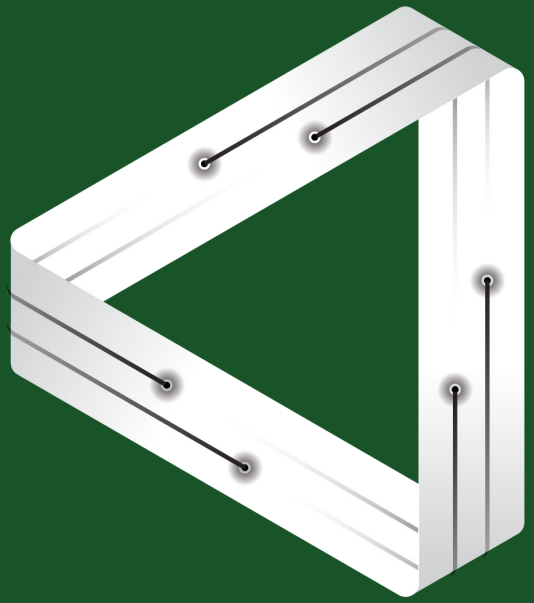

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