



ARPS 2026

FROM RUTHERFORD TO TOMORROW:
KAITIAKITANGA IN RADIATION PROTECTION

20-24 SEPTEMBER 2026

TE PAE CHRISTCHURCH CONVENTION CENTRE



SUNDAY 20 SEPTEMBER 2026		
1330 – 1530	NZ Radiation Professionals Drinks (registration required) Kick off the conference by joining us for this networking event! Enjoy a relaxed afternoon with fellow New Zealand radiation professionals, reconnect with familiar faces, meet new colleagues, and expand your professional network before the conference officially begins. It's the perfect way to break the ice, share ideas, and start the week on a high. Everyone working in or studying the radiation protection sector in New Zealand is welcome, including students, radiation safety officers, regulators, researchers, healthcare professionals, and industry representatives.	Pink Lady Rooftop
1400-1700	Registration desk opens Pick up your name badge and lanyard 	Conway Foyer, TA Pae Convention Centre
1400 – 1700	Exhibitors bump in	Conway 3-5
1630-1730	ARPS Executive Meeting	Bealey 1

1800 – 2000	Welcome Reception At the Great Hall, Te Matatiki Toi Ora The Arts Centre Walking Map: Click Here Join us at the Welcome Reception, to be held in the stunning Great Hall at Te Matatiki Toi Ora – The Arts Centre. Reconnect with colleagues, meet new faces from across the radiation protection community, and enjoy a relaxed evening in one of Christchurch's most iconic heritage venues. The evening includes delicious canapés, refreshments, and a special Kapa Haka performance by Pounamu Ngāi Tahu, offering a memorable welcome and a celebration of Aotearoa New Zealand's rich cultural heritage. The special Kapa Haka performance will begin with karakia, creating a moment of stillness and acknowledging the space, the occasion and the people who have gathered and will end with Haka, bringing together voice, movement, strength and collective energy in a powerful finale. Whether you're attending for the first time or returning to catch up with familiar faces, this is the perfect opportunity to connect, build new relationships, and set the tone for the days ahead.	Te Matatiki Toi Ora The Arts Centre  
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Download the conference app with thanks to:

- View the program
- Read the abstracts prior to the presentations
- Find out more about our keynote speakers
- Take part in the leaderboard draw. Rise to the top and stand to win prizes
- Connect with fellow delegates via the Meeting

Keeping your devices connected and your group chats alive - Thanks to our conference WiFi sponsor



Radiation SAUNDERS
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MONDAY 21 SEPTEMBER 2026		
0800 – 1700	Registration Desk Opens	Conway Foyer
0800 – 1700	Speaker Room opens	Conway Foyer
0800 – 1445	Exhibition + Barista Cart opens	Conway 3-5
With thanks to our barista cart sponsor 		
Plenary Session 1		Conway 1-2
0800 - 0845	Women in Radiation Roundtable	
0900 – 0915	Opening & Welcome Address Brent Le Vert, ARPS 2026 Convenor & President	
0915 – 0920	Official Opening Address Dr Hamish Campbell, MP	
0920 – 1010	Keynote Address Radiation Protection in a Time of Change: Leading with Science, Partnership, and Purpose Lisa Bruedigan, Executive Director, Conference of Radiation Control Program Directors (CRCPD)	
1010 - 1040	Morning Refreshments & Trade Exhibition	

1040-1220	Concurrent Session 1.1 – Conway 1-2 Theme: Communication & Environment	Concurrent Session 1.2 – Bealey 3 Theme: Communication & Environment
1040 – 1100	A New NUMBAT: Understanding Australia's Nuclear Safeguards System in Practice Peter Nolan, Australian Safeguards And Non-proliferation Office (ASNO)	RADMAP-Aus: An Australian Environmental Radiation Monitoring and Assessment Program Julia Carpenter, ARPANSA
1100 – 1120	Shaping the Future of Radiation Protection: An Update from IRPA Cameron Jeffries, IRPA Executive Council	ERICA and RESRAD: Strategies for Effective Site-Specific Parameters Alexia Denys, Radsol
1120 – 1140	The IRPA Handbook on NORM – The Outcomes and Learnings Jim Hondros, Jrhc Enterprises	Bridging the Gap: Practical Pathways for Managing Complex Radiological and Hazardous Waste Streams in Australia Robert Blackley, Tellus Holdings
1140 – 1200	Introduction to Women in Radiation Task Group, IRPA Paula Veevers, Australasian Radiation Protection Society (ARPS)	Natural occurring radioactive materials a New Zealand prospective James Eagle, Phfscience
1200 – 1220		Remediation of core sheds at a former uranium exploration site in Kakadu National Park Rebecca Chapman, Office of the Supervising Scientist
1220 – 1315	Lunch & Trade Exhibition	
		Conway 3-5

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1315-1415	Concurrent Session 2.1 – Conway 1-2	Concurrent Session 2.2 – Bealey 3
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	Theme: Healthcare & Development	Theme: Healthcare & Development	
1315 – 1335	Radiation Protection Methods for Mobile Kilovoltage Radiotherapy Huw Mair, University of Canterbury	Spectral UV Irradiance Measurements and Erythral Effective Dose from Collarium: Implications for Radiation Protection Sarah Aliuddin, Queensland Health	
1335 – 1355	Incident involving improperly connected Kerma Area Product meter Brent Rogers, South East Sydney Local Health District	Review of the Radiation Protection as a Basis for establishing Package Limits set in Transport Regulations Cameron Jeffries, South Australia Medical Imaging	
1355 – 1415	Implementing the ICRP 155 Internal Dosimetry Phantom Family in the Open Dose Calculator Erin McKay, South Eastern Sydney Local Health District	Directed Energy Weapons in the Garage - Developments in Consumer Laser Safety Trevor Wheatley, Opticum	
1415 – 1445	Afternoon Refreshments & Trade Exhibition		Conway 3-5
1445 – 1615	ANSTO Workshop – Emergency Response (Registration required)		Bealey 3
1615 – 1620	Stretch Break		
1620 – 1720	ARPS AGM		Conway 1-2
1800 – 1930	Women in Radiation Drinks (registration required) We invite women working in the radiation sector, and anyone interested in supporting and empowering female professionals in the radiation protection community. Everyone is welcome. Connect with professionals from across Australasia, enjoy complimentary drinks, expand your professional network, share experiences, and make meaningful new connections in a relaxed and inclusive setting. If you'd like to continue the conversations, you're welcome to stay for dinner afterwards. Dinner is optional and will be at your own expense.		

TUESDAY 22 SEPTEMBER 2026		
0715 – 0845	ARPAB Breakfast Workshop (Registration required)	Bealey 3
0830 – 1700	Registration Desk Opens	Conway Foyer
0830 – 1520	Exhibition + Barista Cart Opens	Conway 3-5
With thanks to our barista cart sponsor 		
0830 – 1600	Speaker Room opens	Conway Foyer
Plenary Session 2		Conway 1-2
0900 – 0905	Welcome to Day 2	
0905 – 0955	Keynote Address Radiation Safety and Regulatory Considerations for the Development of Levitated Dipole Fusion Power Plants Dr Craig Chisholm, OpenStar Technologies	
0955 – 1025	<i>Morning Refreshments & Trade Exhibition</i>	Conway 3-5

1025 – 1205	Concurrent Session 3.1 – Conway 1-2 Theme: Emergency & Ops	Concurrent Session 3.2 – Bealey 3 Theme: Emergency & Ops	
1025 – 1045	Ready When It Matters: Validating Alpha Spectrometry and IMBA for Pu 239 Emergency Response at ANSTO Melissa Mcleod-Robertson, ANSTO	To beta or not to beta, that was the question Sam Sonter, ANSTO	
1045 – 1105	Advisory Note to ARPANSA RPS G-3: Use of Potassium Iodide During Radiological or Nuclear Emergencies Amy Macintosh, ARPANSA	Shielding and Safety Interlocks at the Australian Centre for Neutron Scattering Paolo Imperia, ANSTO	
1105 – 1125	ARPANSA EPR in practice: Products, Advice, Events and Exercises James De Corrado, ARPANSA	If the RSO is prepared to lick it, it's safe for uncontrolled release Dean Crouch, Yoyodyne Radiation Services	
1125 – 1145	Redevelopment of the Australian Clinical Guidelines for Radiological Emergencies: Strengthening National Guidance for Medical Response Jonathan Sentzas, ARPANSA	When Water isn't Just Water - Untangling Tritiated Heavy Water Dosimetry Kaan Kaban, ANSTO	
1145 - 1205	From Compliance to Capability: Practical lessons in radiation protection and emergency preparedness Andrew Popp, ANSTO	The Complicated Life of a Jar of Monazite Tess Williams, Tronox	
1205 - 1220	Poster Session (continues into Lunch)		Conway 3-5
1220 – 1305	Lunch, Poster Session & Trade Exhibition		Conway 3-5
Plenary Session 3			Conway 1-2
1305 – 1350	Boyce Worthley Oration My 35 years in the Nuclear Industry at ANSTO where ½ lives became my whole life Karl Mayman, Radiation Specialist and Senior Consultant Health Physicist		

1350 – 1450	Concurrent Session 4.1 - Conway 1-2 Theme: Communication & Development	Concurrent Session 4.2 - Bealey 3 Theme: Communication & Development
1350 – 1410	Social Licence and Nuclear Stewardship: Advancing Community Trust in Nuclear Maritime Programs Sonia Oke, ASC	UNSCEAR 2024 Report, annex B: Evaluation of Public Exposure to Ionizing Radiation – Updated Global Assessment of Radon and Thoron, incorporating an update on ARPANSA's radon-related activities Brendan Tate, ARPANSA
1410 – 1430	Communicating the Safety of Nuclear Science and Technology Nikki Keighran, ANSTO	Strengthening Occupational Radiation Protection Through Bayesian Exposure Assessment: Implementation of the WEBEXPO Framework Across Radiological Monitoring Programmes Esaaf Alsoki, Radsol
1430 – 1450	Navigating the Q&A Gauntlet: Combating Imposter Syndrome and the 'Trap Question' Dean Crouch, Yoyodyne Radiation Services Nicola Chalmers, Electron Veterinary Consulting	Preserving Australia's Nuclear Heritage: The Decommissioning of HiFAR's Fuel Element Flask Ava Whitten, ANSTO
1450 – 1520	Afternoon Refreshments & Trade Exhibition	
1520 – 1550	Emerging issues and matters of major public concern – The work of the Radiation Health and Safety Advisory Council of ARPANSA Dr Jane Canestra, Chair, Radiation Health and Safety Advisory Council for ARPANSA	Conway 3-5
1550 – 1650	Concurrent Session 5.1 - Conway 1-2 Theme: Healthcare & Operations	Concurrent Session 5.2 - Bealey 3 Theme: Healthcare & Operations
1550 – 1610	Left Waiting, Left Behind: The Unmet Necessity for Imaging Equity in Regional and Rural Australia Charlotte Mccaughan, Charles Sturt University	Assessment of alpha emitters in dusts from South Australian mining operations David Kruss, Environment Protection Authority South Australia
1610 – 1630	Application Of The I-125 Isotope for Development of a Radiobioassay for Quantification of Human C-Reactive Protein Ghodke Tanhaji, Mangalore University	Thumbology – Balancing Speed, Safety and Rethinking Rules of Thumb for use in Operational Health Physics Kaan Kaban, ANSTO
1630 – 1650		From Trinitite to Missile Fragments: Radiological Assessment of a Private Collection Simon Booth, Radsol

1730 – 1830	ARPGYN Networking Mixer & Speed Networking (registration required) Ready to meet the next generation of radiation protection professionals? Join the ARPYGN Networking Mixer and connect with students, early career professionals, mentors, and experienced practitioners from across Australasia. Held before the Conference Dinner, event is the perfect opportunity to share experiences, exchange ideas, and build connections within the radiation protection community. Enjoy drinks and light nibbles while catching up with colleagues, meeting new faces, and creating valuable connections that can last well beyond the event. Whether you're starting your career, looking to share your experience, or simply keen to connect with others in the field — everyone is welcome. Kaiser Brew Garden
1900 – 2200	ARPS Conference Dinner Limes room, Christchurch Town Hall Walking Map: Click Here <i>Celebrate an unforgettable evening of great food, entertainment, and connection at the Conference Dinner, held in the elegant Limes Room at Christchurch Town Hall.</i> <i>Join fellow delegates for a memorable night of celebration, where you can relax, enjoy the company of colleagues, and reflect on the highlights of the week. Set within one of Christchurch's most iconic venues, the evening promises a wonderful atmosphere filled with delicious cuisine, lively conversations, and the perfect opportunity to create new connections.</i> <i>Come along, enjoy the festivities, and make memories!</i>
2200 to late	After Party Drinks at The Church Bar Walking Map: Click here <i>The conference dinner doesn't have to be the end of the night! Join colleagues for a relaxed afterparty to continue the conversations, make new connections, and catch up with friends old and new. Whether you're discussing the day's presentations or simply enjoying good company, it's the perfect way to round off the evening in a fun and informal setting.</i>

WEDNESDAY 23 SEPTEMBER 2026		
0830 – 1630	Registration Desk Opens	Conway Foyer
0830 – 1600	Speaker Room opens	Conway Foyer
0830 – 1320	Exhibition + Barista Cart Opens	Conway 3-5
Plenary Session 4		Conway 1-2
0900 – 0905	Welcome to Day 3	
0905 – 0910	Sponsor Presentation	
0910 – 1000	Keynote Address Trust, Capability and Stewardship: Building the Future of Radiation Protection Together Dr Miles Apperley, Australian Nuclear Science and Technology Organisation (ANSTO)	
1000 – 1030	Next Generations Spotlight The Future We Hand Forward Rohitha Baskar, McKavanagh Engineering Services (MES)	
1030- 1100	Morning Refreshments, Poster Session & Trade Exhibition	Conway 3-5
1100 – 1220	Concurrent Session 6.1 – Conway 1-2 Theme: Communication & Operations	Concurrent Session 6.2 – Bealey 3 Theme: Communication & Operations
1100 – 1120	Restoration of External Beam Radiotherapy in Papua New Guinea: Logistical Challenges in Remote Areas Jordan Boyle, Nuclear Australia	ANRDR Status Update Brendan Tate, ARPANSA
1120 – 1140	Building Sustainable Radiation Protection Capability: Lessons from the IAEA-ANSTO Train-the-Trainer Program Tina Paneras, ANSTO	Radiation Protection and Sustainability – The Practitioners Perspective Jim Hondros, Jrhc Enterprises
1140 – 1200	Demonstrating the Radiation Resilience of Perovskite Solar Cells for Space and Nuclear Applications Bradley Kirk, Adelaide University	From Remote Mines to University Labs: The Balancing Act of a Contract RSO Simon Booth, Radsol

1200 – 1220	Tips for the Effective Communication of Radiation Safety Information to Radiation Workers - Mining Shania Willison, Tronox Mining	ARPANSA's Independent Monitoring of Offsite Releases from Nuclear Facilities Louis Casey & Daniel Brocklebank, ARPANSA	
1220 – 1320	Lunch & Trade Exhibition		Conway 3-5
1320 – 1405	Panel Discussion Life after LNT - what does Radiation Protection look like if the world follows the NRC and reconsiders As Low As Reasonably Achievable?		
1405 – 1450	The Yoyodyne Annual Radiation Protection Debate		
1450 – 1520	Awards Presentation ARPS 2027 Announcement Closing Remarks & Conference Close Brent Le Vert, ARPS 2026 Convenor & President		
THURSDAY 24 SEPTEMBER 2026			
0930 – 1130	<u>RUTHERFORD'S DEN</u> (Registration required) 0930-1030, Lecture by John Campbell 1030-1130 Guided tour of the Den Cost: AUD \$35.00 Venue: <u>Rutherford's Den</u> Walking Map: <u>https://maps.app.goo.gl/7BoZ5Q6ihtDPkurZ8</u>		

The ARPS 2026 Conference reserves the right to amend or alter any advertised details relating to dates, program and speakers if necessary and without notice, as a result of circumstances beyond their control. All attempts will be made to keep any changes to an absolute minimum.