

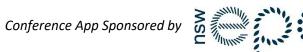
RADIATION PROTECTION FROM BANANAS TO BOATS PACIFIC BAY RESORT | COFFS HARBOUR, NSW 20-24 OCTOBER 2024

	OCTOBER 2024					
1400 – 1700	Exhibitors bump in					Island Courtyard & Jetty Room
1800 - 2000	Welcome Reception		Spons	sored by		Bayside Green
MONDAY	21 OCTOBER 2024	1				
0730 - 0815	"Women in Radiatio To meet at the Hotel	•				Pacific Bay Resort Hotel Lobby
0800 – 1700	Registration Desk Opens	Name Badge & Lanyard sponsored by	TELLUS	Satchels spo	nsored by BHP	Foyer of Island Courtyard
0800 – 1545	Speaker Room opens	5				Boardroom 3
0800 – 1545	Exhibition + Barista C	Cart opens	Barista cart sponsored by	Australian Government		Island Courtyard & Jetty Room

WiFi Sponsored by **Radiation SAUNDERS**

by naula

UNDERS Conference



Conference Supporter

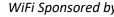


(2) arpansa

	Plenary Session 1				Marina Room
0900 – 0905	Convenor Opening Comments				
	Brent Rogers, ARPS 2024 Convenor				
0905 - 0915	Welcome to Country				
	Aunty Jenny Skinner				
0915 – 1030	Keynote Address				
	Radiation Protection Stewardship in a Rapidly Evolving Environment				
	Dr Gillian Hirth, Chief Executive Officer, ARPANSA				
	Followed by Q&A				
1030 – 1100	Morning Refreshments & Trade Exhibition		Sponsored by	ES	Island Courtyard & Jetty Room
1100 – 1220	Concurrent Session 1.1 – Marina Room	Concurre	nt Session 1.2 - Crystal Sa	pphire Ro	om
	Theme: Public and Environment 1	Theme: R	adiation Protection Cultu	ire	
1100 – 1120	Developing an ARPANSA framework for radiation monitoring,	Diversity, Equity, Inclusion and Belonging in the Nuclear Industry			ne Nuclear Industry
	measurement, and assessment in the Australian environment	Darren McPherson, ANSTO			
	Dr Adrian Hawley, ARPANSA				
1120 – 1140	Western Australia Environmental Monitoring Working Group Activities		ion to 360 Engagement: N	•	o the 21st Century
	James De Corrado, ARPANSA	Cameron	Jeffries, SA Medical Imagi	ng	
1140 - 1200	UNSCEAR Evaluation of Public Exposure to Ionizing Radiation		ning Radiation Safety: Har	nessing 3D	Motion Capture for
	Dr Cameron Lawrence, ARPANSA		rgonomic Solutions oban, ANSTO		
4200 4220				-1	
1200 – 1220	Exposure to Naturally Occurring Radon in the Workplace - A Guidance Document	The ARPS Journal and Newsletter: The History, the future and submitting to the journal		r, the future and	
	Emma Barnes, ARPANSA	William Bartolo, Bartolo Safety Management Service			Service

1220 –1320	Lunch & Trade Exhibition		Sponsored by	MES	Island Courtyard & Jetty Room
	Plenary Session 2				Marina Room
1320 – 1405	Keynote AddressBest Practice in Radiation Protection for the Australian NPS EnterpriseLoch Castle, Acting Assistant Director General Nps Governance Author		tralian Submarine Agen	су	
1410 - 1510	Concurrent Session 2.1 - Marina Room Theme: Future Developments & Challenges 1		urrent Session 2.2 - Cry ne: Education	stal Sapphire Ro	om
1410 - 1430	It's a Long Way to the Shop if You Want a Sausage Roll Cameron Jeffries, SA Medical Imaging	Tools of the Trade – Enhancing Education in Radiation Protection Instrumentation for the Trainee Health Physics Surveyor Melanie Hulskamp, ANSTO			
1430 – 1450	Radiation Harmonisation at IRPA16 - Main Themes and Outcomes Dr Amy Macintosh, ARPANSA	Introduction to Gamma Spectrometry as part of the ANSTO Health Physics Core Competency in Radiation Detection and Measurement Liam Brophy, ANSTO			
1450 – 1510	Updating the ANRDR: keeping ahead of Australia's expanding radiation industry Dr Cameron Lawrence, ARPANSA	educ	ning Science: Harnessing cation riette Rossouw, Maniacs		rning in Science literacy Play
1510 – 1540	Afternoon Refreshments & Trade Exhibition	1	Sponsored by	MES	Island Courtyard & Jetty Room
1540 - 1640	Concurrent Session 3.1 – Marina Room Theme: Future Developments & Challenges 2		urrent Session 3.2 - Cry ne: NORM 1	stal Sapphire Ro	om
1540 – 1600	An Overview of the activities at the Centre for Radiation Research, Education and Innovation at the University of Adelaide Professor Antony Hooker, Centre for Radiation Research, Education and Innovation, University of Adelaide		ation Accounting: Insigh Allen, Nagrom	its from an Austr	alian Mineral Laboratory

1600 – 1620	Radiocesium accumulation in wild animals from Fukushima, with radiation doses to human consumers Donovan Anderson, Institute of Radiation Emergency Medicine, Hirosaki University, Japan	Radon (222Rn) exhalation from petroleum processing produc Dr Riaz Akber, Safe Radiation	
1620 – 1640	Advancements and Challenges in Absorbed Radiation Dose Assessment: A Capability Analysis of Biodosimetry in Australia Jonathan Sentzas, ARPANSA	Environmental scan of global aquatic dispersion models: Enhancing ARPANSA's capabilities for predicting transport from radiological releases Dr Amy Macintosh, ARPANSA	
1645 - 1745	ARPS AGM	Marina Roo	m
1800	Young Generation Network Dinner. Venue TBA – Meet at Hotel Lobb	/	







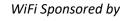






TUESDAY 2	2 OCTOBER 2024				
0715 – 0845	Breakfast Workshop (Registration required) Radiological Emergency Workshop	Crystal Sapphire Room			
0730 – 1700	Registration Desk Opens Name Badge & Satchels sponsored by BHP	Foyer of Island Courtyard			
0815 – 1520	Exhibition + Barista Cart Opens Barista cart sponsored by Justralian Government Justralian Government	Island Courtyard & Jetty Room			
0845 – 1600	Speaker Room opens	Boardroom 3			
	Plenary Session 3	Marina Room			
0900 – 0905	Welcome to Day 2				
0905 – 1005	Boyce Worthley Oration Adventures in Radiationland - A Personal Journey from the Invisible Light to the Blinding Light Associate Professor Lee Collins				
1005 – 1040	Morning Refreshments & Trade Exhibition	Island Courtyard & Jetty Room			
	Plenary Session 4	Marina Room			
1040 – 1125	Keynote Address Radiological Challenges at Oak Ridge National Laboratory Dr Scott O. Schwahn, Senior Health Physicist – Oak Ridge Laboratory				

1130 - 1230	Concurrent Session 4.1 – Marina Room Theme: Public and Environment 2	Concurrent Session 4.2 - Crystal Sapphire Room Theme: Medical		
1130 – 1150	Radiating Expertise	The Big Banana Equivalent Dose: A Personal Perspective on Radiation		
	Nikki Keighran, ANSTO	Risk Communication in Medical Imaging		
		Dr Jennifer Diffey, Hunter New England Imagi	ng	
1150 – 1210	New Australian Codes for Radiation Gauges and Well Logging	Radiation Measurement and Protection Chall	enges Associated with	
	Brendan Tate, ARPANSA	212Pb for Targeted Alpha Therapy		
		Drew Watson, Dept of Health Forensic and So	cientific Services	
1210 - 1230	Determining Radiological Guideline Values for Recreational Water	Experiences in using Monte Carlo simulation for dose calculation i		
	Rachel Williams, ARPANSA	radiation protection		
		Dr Christopher Poole, Radiation Analytics		
1230 – 1330	Lunch & Trade Exhibition		Island Courtyard & Jetty	
			Room	
1330 - 1445	Plenary Session 5		Marina Room	
1330 - 1415	Keynote Address			
	Helen Cassidy, Manager, Operations & Inventory, Australian Radioactive Waste Agency			
1415 - 1445	Poster Session		Foyer of Jetty Room	
1445 - 1515	Afternoon Refreshments & Trade Exhibition		Island Courtyard & Jetty	
			Room	









1515 - 1615	Concurrent Session 5.1 – Marina Room Theme: Instrumentation	Concurrent Session 5.2 - Crystal Sapphire Room Theme: Future Developments and Challenges 3
1515 – 1535	Quality Management in a Radioanalytical Laboratory Drew Watson, Dept of Health Forensic and Scientific Services	Artificial Intelligence – Influences on Radiation Safety now and in the future Ron Rubendra, ARPS
1535 – 1555	Use of an Extrapolation Ionization Chamber for Uranium Slab Dose Measurements Dr Scott Schwahn, Oak Ridge National Laboratory	The Effect of Radon and Radon Decay Products in the Lung of Small Animals Professor Antony Hooker, Centre for Radiation Research, Education and Innovation, University of Adelaide
1555 – 1615	Determining The Radon Diffusion Coefficient in A Waterproof Material Dr Chutima Kranrod, Institute of Radiation Emergency Medicine, Hirosaki University, Japan	Voyage to Safety: Setting the Standard for Space Fission Reactor Safety in the Final Frontier Kaan Kaban, ANSTO
1900 – 2300	ARPS Conference Dinner - Restaurant & Deck, Pacific Bay Resort	



Australian Government Australian Radiation Protection and Nuclear Safety Agency



WEDNESDA	(23 OCTOBER 2024					
0745 – 0915	Breakfast Workshop (Registration required) ARPAB					Crystal Sapphire Room
0840 – 1630	Registration DeskName Badge &OpensLanyard sponsored by	TELLU	JS ^{Sat}	tchels spo	nsored by BHP	Foyer of Island Courtyard
0840 – 1600	Speaker Room opens					Boardroom 3
0840 - 1505	Exhibition + Barista Cart Opens	Barista cart sponsol		lian Government		Island Courtyard & Jetty Room
	Plenary Session 6					Marina Room
0925 – 0930	Welcome to Day 3					
0930 – 1015	Sponsored Keynote Address Dr Julie McCredden, President, ORSAA Sponsor			onsored by		
1015 – 1050	Morning Refreshments & Trade Exhibition					Island Courtyard & Jetty Room
1050 – 1210	Concurrent Session 6.1 – Marina Room		Concurrent	t Session (5.2 - Crystal Sapphire Roo	om
	Theme: Non-Ionising Radiation 1 (RF-EMF)		Theme: Reg	gulatory		
1050 - 1110	The WHO systematic reviews into RF and health: (Part I) what are they and why are they important Australian Safeguards and Non-Proliferation Office (ASNO) p hold nuclear material—all your questions answered!					
	Associate Professor Ken Karipidis, ARPANSA		Peter Nolar	n, Australi	an Safeguards and Non-P	roliferation Office
1110 - 1130	The WHO systematic reviews into RF and health: (I they found	²art II) what have	ANSTO Scie Joshua Reu		Fechnology for 21st Centr	ury RNEPR capability
	Associate Professor Ken Karipidis, ARPANSA					

1130 - 1150	Has public RF-EMF exposure in Australia changed over a decade? Dr Chhavi Raj Bhatt, ARPANSA	How does ARPANSA Influence and Adopt International Standards for Radiation Protection in Australia? Dr Marcus Grzechnik, ARPANSA		
1150 – 1210	Does population density affect personal far-field radiofrequency– electromagnetic exposures? Findings from Gold Coast measurements Dr Chhavi Raj Bhatt, ARPANSA	Title TBA ARPS Pacific Outreach Initiative/University of South Pacific Neil Singh/Riaz Akber		
1210 - 1315	Lunch & Trade Exhibition		Island Courtyard & Jetty Room	
1315 – 1405	Plenary Session 7 Chair: Frank Harris, Rio Tinto		Marina Room	
1315 – 1405	Panel Discussion: The latest revision of the ICRP Recommendations: Ar	e the changes fit for purpose for Australia and	New Zealand?	
1410 – 1455	Concurrent Session 7.1 – Marina Room Theme: Non-Ionising Radiation 2 (RF-EMF)	Concurrent Session 7.2 - Crystal Sapphire Ro Theme: NORM 2	om	
1410 - 1430	Bridging the Gap: Advancements in Online Radiofrequency Monitoring for Enhanced Environmental Surveillance Victor Leach, ORSAA	Radon Decay Product (RDP) Management in Australia Katrina Taloni, BHP	BHP Copper South	
1430 – 1450	The to-date proposed biomarkers of EHS are not known/proven to be affected by RF-EMF exposures Adjunct Professor Dariusz Leszczynski, University of Helsinki	Introduction of Norm-II Guide in the Western Australian Mining Industry Jubin Koshy, Department of Energy, Mines, Industry Regulation and Safety		
1450 – 1510	The Importance of Being Uncertainty-Aware in Electromagnetic Measurements Simon Turner, Sensaweb	Gravimetric Field Estimation of Radioactivity Impacted Site Matthew Crow, Environmental Resources Ma		







1510 – 1530	Afternoon Refreshments & Trade Exhibition	Island Courtyard & Jetty Room
1530 - 1600	Awards Presentation	Marina Room
	Closing remarks and Conference Close	
THURSDAY 2	24 OCTOBER 2024	
0900 - 1530	Radon Symposium	Crystal Sapphire Room

The ARPS 2024 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.

Thank you to our strategic partners



THANK YOU TO OUR SPONSORS AND EXHIBITORS

