

## 2024 Neuromodulation Society of Australia and New Zealand 17th Annual Scientific Meeting

*Neuromodulation: Can we do it better?*

Friday 19 – Sunday 21 July 2024

Hotel Grand Chancellor, Hobart

**Program Overview** \*Program subject to change

FRIDAY 19 JULY 2024	
1230 – 1700	<p><b>The Safe Use of Fluoroscopy Units</b>            Dr Zoe Brady, Alfred Hospital, VIC</p> <p>This is a 3 hour workshop and includes course notes, provided prior to the course. The final hour is for a multiple choice question test – with certificates of completion issued on successful completion of the test.</p> <p>The course is approved by the Victorian radiation regulator (Department of Health).</p> <p><i>Zoe Brady (BSc (Hons), PhD, CMPS, MACPSEM) is currently the Chief Physicist (Diagnostic Imaging) and Radiation Safety Officer at the Alfred Hospital in Melbourne, Australia. She has worked as a clinical physicist for more than 15 years and has research interests in the risks from low dose ionising radiation exposure and the implications for current medical policy and practice. Zoe holds an honorary research position at the School of Population and Global Health, University of Melbourne where she is involved in one of the largest paediatric cohort studies worldwide to publish risks relating to exposures from computed tomography scans in childhood and adolescence. Additionally, she holds a teaching appointment in the Department of Radiology at the University of Melbourne and an Adjunct Senior Lecturer position with the Department of Neuroscience, Monash University. Zoe is an Associate Editor for the British Journal of Radiology and sits on a number of national Advisory Committees.</i></p>
1700 – 1830	<p><b>NSANZ 2024 Welcome Reception</b>            Venue: Federation Ballroom, HGC</p> <p><i>Join the NSANZ Board and 2024 ASM Sponsors for a first look at the exhibition hall and a chance to catch up with colleagues and delegates.</i></p>

<b>SATURDAY 20 JULY 2024</b>					
0715 – 0815		<b>Sponsored Breakfast Session: Mainstay Medical</b> <b>Restorative Neurostimulation for mechanical low back pain- what we know about the disease, the treatment and how to fit it into your practice</b> <i>Breakfast served from 0700</i>			
<b>0830 – 1030</b>					
<b>Plenary 1: Neuromodulation: Can we do it better?</b>					
0830 – 0850	Dr Michelle O'Brien, NSANZ President A/Professor Marc Russo, INS President		Official Opening: including Acknowledgment of Country & Leadership Message 20 <sup>th</sup> Anniversary Introductory Statement		
0850 – 0915	Prof Erika A Petersen: University of Arkansas for Medical Sciences, USA		Closed Loop Outcomes and their Future		
0915 – 0940	Dr Peter Staats: National Spine & Pain Centers, USA		Is Vagus Nerve Stimulation the next big thing?		
0940 – 1005	Professor Jae Chul Koh: Korea University, Korea		Simulation and Navigation for Neuromodulation and Chronic Pain Management in an Immersive Metaverse		
1005 – 1020	Panel Discussion				
1020 – 1030	NSANZ Lifetime Achievement Award				
<b>1030 – 1100: MORNING TEA</b>					
<b>1100 – 1230</b>			<b>1100 – 1230</b>		
<b>Breakout 1A: Technology and Pain</b>			<b>Breakout 1B: AHNSIG</b>		
1100 – 1125	Dr Tejas Kanhere: Concord Hospital, NSW	Does Artificial Intelligence have a place in Current Pain Medicine?	1100 – 1125	Dr Frank Meumann: Hobart Public Pain Unit, TAS	How the Persistent Pain Service ECHO Program strengthens community supports for Complex Pain Presentations
1125 – 1150	Dr Peter Staats: National Spine & Pain Centers, USA	Cord Stimulation Devices for Chronic Pain: Expert Recommendations on Best Practices for Proper Utilization and Future Considerations	1125 – 1150	Ms Emma Manuel: Pain Specialist Perth, WA	Integrating the Nursing Role into Private Practice
1150 – 1215	Professor Jae Chul Koh: Korea University, Korea	Artificial Intelligence and Pain Medicine	1150 – 1215	Adjunct. Professor Cindy Wall: CPAC, NT	Considerations for Neuromodulation in patients with Personality Disorders and PTSD
1215 – 1230	Panel Discussion		1215 – 1230	Panel Discussion	

**1230 – 1330: LUNCH**

<b>1330 – 1500:</b>					
<b>Breakout 2A: Invasive Brain Stimulation</b>			<b>Breakout 2B: Partners in Pain</b>		
1330 – 1350	Professor James Fallon, Bionics Institute, VIC	From neurostimulation to neuromodulation and beyond – Insights from 40+ years of cochlear implants	1330 – 1345	Ms Giulia Jones: Painaustralia	Painaustralia Update
1350 – 1410	A/Professor Mohit Shivdasani: University of NSW, NSW	Next Generation Neuromodulation Technologies to Treat Blindness, Nociceptive Pain, and Inflammatory Bowel Disease	1345 – 1400	Dr Guy Buchanan: World Institute of Pain	World Institute of Pain Update
1410 – 1445	Professor Erika Peterson: University of Arkansas, USA	Neuromonitoring for Neuromodulation (Invasive Brain & Invasive Spine)	1400 – 1415	Ms Erica Gleeson: New Zealand Pain Society	New Zealand Pain Society Update
			1415 – 1430	Mr Sinan Tejani: Australian Pain Society	Australian Pain Society Update
1445 – 1500	Panel Discussion		1430 – 1500	Panel Discussion: How can we work together - better?	
<b>1500 – 1530: AFTERNOON TEA</b>					
<b>1530 – 1700</b>					
<b>Plenary 2: The Scientists and Engineers</b>					
1530 – 1545	Mr Dom Bailey: Nevro		Future-Proofing Research: Embracing Innovation in Times of Uncertainty		
1545 – 1600	Dr Dean Karantonis: Saluda Medical		Spinal cord Stimulation as Prescription Medicine		
1600 – 1615	Dr Bram Blomme: Abbott		Leading the charge: patient centric innovations with lasting impact		
1615 – 1630	Ms Brittany Gardner: Boston Scientific		Data Driven Pain Solutions		
1630 – 1645	Panel Discussion				
<b>1645 – 1715</b>	<b>NSANZ Annual General Meeting</b>				
<b>1900 – 2300</b>	<b>NSANZ Society Dinner (20<sup>th</sup> Anniversary)</b> Venue: The Jones & Co Room, The Henry Jones: <i>Join colleagues and friends for a delicious meal and networking opportunities.</i>				

<b>SUNDAY 21 JULY 2024</b>					
0715 – 0815	<b>Sponsored Breakfast Session: Saluda Medical</b> <b>From Subjective to Objective: Biomarker-based Neural Dosing Guidelines and Outcomes</b> <i>Breakfast served from 0700</i>				
<b>0830 – 1000: Plenary 3: Trials and Research</b>					
0830 – 0850	Dr Peter Staats: National Spine & Pain Centers, USA		Current International Controversies: The recent medical literature and neuromodulation		
0850 – 0910	Professor Erika Petersen: University of Arkansas for Medical Sciences, USA		Objective Neurophysiology using a Precision, Dose-Control Closed-Loop SCS enables translation of clinical effects from Trial to Permanent Implant		
0910 – 0930	Professor Bernadette Fitzgibbon: Monarch Mental Health Group, VIC		The Application and Optimization of Non-Invasive Brain Stimulation and Psychedelic Therapies		
0930 – 0950	A/Professor Marc Russo: INS President		Australian Cloud Data Project - What does the real world data show?		
0950 – 1000	Panel Discussion				
<b>1000 – 1030: MORNING TEA</b>					
<b>1030 – 1145</b> <b>Breakout 3A: What else can we do better?</b>			<b>1030 – 1145</b> <b>Breakout 3B: Early Implanters Round Table</b>		
1030 – 1050	Professor Jae Chul Koh: Korea University, Korea	Procedure Training in Extended Reality	1030 – 1045	Dr Michelle O’Brien: Specialists in Pain, QLD	Procedural Endorsement Programme
1050 – 1110	Dr Meena Mittal, Precision Brain, Spine & Pain Centre	Australian Guidelines & Device Registry	1045 – 1100	Dr Jonathan Shulman, I-MED Radiology Network, TAS	Radiation - Is it risky?
1110 – 1130	A/Professor Marc Russo, INS President	Current Australian controversies in Neuromodulation	1100 – 1115	Dr Nitin Yogesh: Royal Hobart Hospital, TAS	Surgical Safety in Neuromodulation
			1115 – 1130	Dr Renata Bazina: Specialist Medical Centre, NSW	Cut or Stimulate? Fusion or Stimulation?
1130 – 1145	Panel Discussion		1130 – 1145	Panel Discussion <i>We encourage you to bring your own case studies!</i>	
<b>1145 - 1230: LUNCH</b>					

<b>1230 – 1400:</b>		
<b>Plenary 4: Challenges for Neuromodulation</b>		
1230 – 1250	Dr Peter Staats: National Spine & Pain Centers, USA	Reflections from North America: From NANS to WIP
1250 – 1310	Ms Rebekah Richards: PainMedSA, SA	Nursing over the years and training
1310 – 1330	Professor Peter Teddy: Precision Brain, Spine and Pain, VIC	From 1967 to 2024 – A Personal Journey
1330 – 1350	Dr Andrew Weiss: Northern Pain Centre, NSW	Correcting the public record: Evidence that ratios of neurostimulator explant to implant rates in Australia are consistent with international ratios
1350 – 1400	Invitation to NSANZ 2025, Poster Prize Presentation & Conference Close	