

National Imaging Facility Annual Scientific Meeting 2024

Program 7 - 9 August, Brisbane 280624

Wednesday, 7 August NIF Community Workshops Level 2, Christie Spaces Conference Centre, Brisbane				
Time	Molecular Imaging and Radiochemistry Room Q	Data Room R	Magnetic Resonance (MR) Room S	Ultra High Field, Low Field and Point of Care MR Room O
09:00	Registration (09:00 – 09:30)			
09:30	Morning tea (09:30 – 10:00)			
10:00	Morning tea (10:30 – 11:00)	Data Infrastructure Workshop (10:00 – 11:00)	QA & QC Working Group (By invitation only) (10:00 – 11:00)	Australian 7T Network Meeting (10:00 – 11:00)
10:30		Human Molecular Imaging Translation Network (11:00 -12:00)	Australian Imaging Service: Updates on MRFF, EU, and NCRIS Projects (11:00 – 12:30)	Exploring reproducibility and quality in MRI research (11:00 – 12:30)
11:00	2nd Annual NIF PET Fellow Network Workshop (12:00 – 12:30)			
11:30		Lunch (12:30 – 13:00)	Building and running Australian Imaging Service pipelines (13:00 – 15:00)	Scanning brain implants: Cochlear implants as a case study (13:00 – 15:00)
12:00	Afternoon tea (15:00 – 15:30)			
12:30		2nd Annual NIF PET Fellow Network Workshop (15:30 – 16:15)	Neurodegenerative PET Workshop (16:15 – 18:30)	Low Field and Ultra Low Field Magnetic Resonance (15:30 – 17:00)
13:00	2nd Annual NIF PET Fellow Network Workshop (13:00 – 15:00)			
13:30		2nd Annual NIF PET Fellow Network Workshop (15:30 – 16:15)	Neurodesk Workshop: An accessible open-source platform for image data analysis (15:30 – 17:30)	Australia-wide multi-site human neuroimaging studies: challenges and opportunities (15:30 – 17:30)
14:00	2nd Annual NIF PET Fellow Network Workshop (15:30 – 16:15)			
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16:00	2nd Annual NIF PET Fellow Network Workshop (15:30 – 16:15)			
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17:00	2nd Annual NIF PET Fellow Network Workshop (15:30 – 16:15)			
17:30		2nd Annual NIF PET Fellow Network Workshop (15:30 – 16:15)	Neurodesk Workshop: An accessible open-source platform for image data analysis (15:30 – 17:30)	Australia-wide multi-site human neuroimaging studies: challenges and opportunities (15:30 – 17:30)
18:00	2nd Annual NIF PET Fellow Network Workshop (15:30 – 16:15)			
18:30		2nd Annual NIF PET Fellow Network Workshop (15:30 – 16:15)	Neurodesk Workshop: An accessible open-source platform for image data analysis (15:30 – 17:30)	Australia-wide multi-site human neuroimaging studies: challenges and opportunities (15:30 – 17:30)

Thursday, 8 August: NIF Scientific Symposium | Customs House, Brisbane

	Name	Affiliation	Topic
08:45	Prof Margaret Harding	NIF	Welcome
08:50	Prof Wojtek Goscinski	NIF	Introduction to National Imaging Facility 2024 and beyond
	Session 1: Accessible Imaging: Technology underpinning community outcomes	Chair/s: Dr Shawna Farquharson and A/Prof Zhaolin Chen	Focus: Initiatives making imaging technology more accessible in the community
09:00	A/Prof Samantha Holdsworth	University of Auckland	Matai: Integrating cutting-edge imaging research in the community
09:15	Prof Monika Janda	University of Queensland	Melanoma Detection and Prevention: The Australian Centre of Excellence for Melanoma Imaging Diagnosis
09:30	Prof Paul Parizel	University of Western Australia	Clinical Translation Perspectives on Low Field Portable MRI
09:45	Prof Stuart Crozier	University of Queensland	Pre-hospital and Bedside Stroke detection and characterisation
10:00	A/Prof Matthew Rosen	Harvard University	Millitesla MRI - Translation to the Clinic and Beyond
10:25	Panel discussion		
10:45	Networking break Morning tea		
	Session 2: Large Imaging Studies: Lifecycle and Impact	Chair: TBA	Focus: Large impactful cohort studies underpinned by NIF infrastructure and expertise
11:15	Prof Michael Barnett	University of Sydney	Imaging to Understanding Multiple Sclerosis: the MSBase Imaging Repository
11:30	Dr Sarah Hellewell	Curtin University	AUS-mTBI: Designing and implementing the health informatics approaches to enhance treatment and care for people with mild TBI
11:45	Prof Chris Rowe	University of Melbourne	The Australian Dementia Network – Toward Alzheimer's Disease Treatment
12:00	A/Prof Heath Pardoe	The Florey	Australian Epilepsy Project: Underpinning infrastructure to deliver a large-scale imaging study

12:15	A/Prof Roslyn Francis	University of Western Australia	Radiopharmaceutical Trials Across Australia - an ARTNet Showcase
12:30	Panel discussion		
12:50	Networking break Lunch and Poster session		
	Session 3: Therapeutic and Diagnostic Showcase: Helping to translate innovation to trials, industry and clinic	Chair: Dr Stuart Newman	Focus: The role of imaging in developing new diagnostics and therapeutics
13:50	Rachel Maclean	Monash University	Development of novel complexes to assist in prostate cancer imaging
14:05	Dr Christian Wichmann	ONJCRI	Automating the radiosynthesis of agents for multi-centre PET imaging of cytotoxic T-cells
14:20	Prof Kris Thurecht	University of Queensland	The ARC Research Hub for Advanced Manufacture of Targeted Radiopharmaceuticals - Building Strong Industry and Research Collaborations
14:35	Prof Stephen Rose	AdvanCell	AdvanCell: Developing new cancer therapies from preclinical development to first-in-human trials
14:50	Prof John Hooper	Mater Research Institute – University of Queensland	Novel tracers in ovarian and bladder cancer
15:05	Shiami Luchow and Dr Bryan Paton	University of Newcastle	Scanning brain implants: Cochlear implants as a case study
15:20	Networking break Afternoon tea		
	Session 4: Imaging Power Pitch - NIF Community Highlights	Chair/s: Dr Gary Cowin and Dr Karine Mardon	
15:55	Power Pitches	To Be Announced	
16:55	Awards and Closing Remarks		
17:00	Networking Drinks		
18:00	END		

Friday, 9 August: NIF Thematic Group Meetings | University of Queensland, Brisbane City

9:00 – 10:30	NIF Thematic Group Meeting: Informatics Meeting	Level 2, Room 205
9:00 – 10:30	NIF Radiographers' Community of Practice (By invitation only)	Level 2, Room 223
10:30 – 11:00	Morning Tea	Level 2
11:00 – 12:30	NIF Thematic Group Meeting: Human Imaging	Level 2, Room 223
12:30 – 13:30	Lunch	Level 2
13:00 – 14:30	NIF Thematic Group Meeting: Molecular Imaging and Radiochemistry	Level 2, Room 223
14:30 – 15:00	Afternoon Tea	Level 2
15:00 – 16:30	NIF Thematic Group Meeting: Animals, Plants and Materials	Level 2, Room 223