

National Imaging Facility Annual Scientific Meeting 2025

Community Workshops program, Wednesday 6 August, Adelaide

Wednesday 6 August: NIF Community Workshops Adelaide Convention Centre				
Time	Molecular Imaging and Radiochemistry Room TBC	Data Room TBC	Magnetic Resonance (MR1) Room TBC	Magnetic Resonance (MR2) Room TBC
09:00	Registration (09:00 – 09:30)			
09:30				Morning tea (9:45 – 10:00)
10:00	Morning tea (10:00 – 10:30)	Morning tea (10:00 – 10:30)		Magnetic Resonance Imaging Consultation (10:00 – 11:30)
10:30		The NIF Foundational Digital Research Infrastructure Project (10:30 - 12:30)		Australian 7T MRI Network Meeting (11:30 – 12:30)
11:00	Human Molecular Imaging Translation Network (11:00 -12:00)			
11:30				
12:00	3rd Annual NIF PET Fellow Network Workshop (12:00 – 12:30)			
12:30	Lunch (12:30 – 13:00)			
13:00	3rd Annual NIF PET Fellow Network Workshop (13:00 – 15:00)	SCIGET.org - Computing and Analysis Platform for Scientific Research (13:00 – 15:00)	High gradient MRI (Cima.X) workshop (13:00 – 15:00)	Point of Care (PoC) Magnetic Resonance Workshop (by invitation only) (13:00 – 15:00)
13:30				
14:00				
14:30				
15:00	Afternoon tea (15:00 – 15:30)			
15:30	3rd Annual NIF PET Fellow Network Workshop (15:30 – 17:00)	Designing pipelines for the Australian Imaging Service (15:30 – 18:30)	Protocol QC for upfront detection of acquisition discordance (15:30 – 17:00)	Low Field and Ultra Low Field Magnetic Resonance (15:30 – 17:00)
16:00				
16:30				
17:00				
17:30				
18:00				

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Scientific Symposium program, Thursday 7 August, Adelaide

Thursday 7 August: NIF Scientific Symposium Adelaide Convention Centre			
	Name	Affiliation	Topic
08:45	Prof Margaret Harding	NIF	Welcome
08:50	Prof Wojtek Gosinski	NIF	Introduction to National Imaging Facility 2024 and beyond
	Session 1: Preclinical Imaging and Beyond		Chair: TBC
09:00	Prof Benjamin Thierry	UniSA	FerroTrace: A Nanoparticle Platform for Precision Surgery and Radiotherapy
09:15	Prof Darius Chapman	Flinders University	TorqView: the importance of collaboration to achieve success
09:30	Prof Janna Morrison	UniSA	Seeing the fetus: MRI of fetal development and lifelong disease using large animal models
09:45	Dr Zhipeng Cao	ONJCRI/La Trobe University	Efficacy of ¹⁷⁷ Lu-Based Radioimmunotherapy in Preclinical Models of Prostate and Renal Cell Carcinoma
10:00	TBC		
10:15	Panel discussion		
10:35	Networking break Morning tea		
	Session 2: Imaging Techniques Showcase		Chair: TBC
11:05	Prof Pete Thelwall	Newcastle University, UK	Multinuclear MRI in clinical research
11:20	A/Prof Lyndsey Collins-Praino	UAdelaide	Traumatic brain injuries under the microscope
11:35	A/Prof Martin Donnelley	UAdelaide	Lung function imaging and analysis using 4DMedical's XV and Permetium scanners
11:50	Ms Angela Walls	SAHMRI	Experiences with imaging at high gradients – a technologist's perspective
12:05	TBC		
12:20	Panel discussion		
12:40	Networking break Lunch and Poster session		

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	Session 3: Imaging Data and Digital Infrastructure		Chair: TBC
13:40	TBC		
13:55	Dr Ryan Sullivan	USyd	Consistent imaging digital infrastructure across NIF and beyond
14:10	Dr Steffen Bollmann	UQ	A Flexible Scalable and Reproducible Environment for Imaging Analysis
14:25	TBC		
14:40	A/Prof Johan Verjans	UAdelaide	Translational research at the interface of AI, imaging and medical practice
14:55	Panel discussion		
15:15	Networking break Afternoon tea		
	Session 4: Imaging Powerpitch		Chair: TBC
15:50	Session introduction		
15:55	TBC		3min Power Pitch 1
15:59	TBC		3min Power Pitch 2
16:03	TBC		3min Power Pitch 3
16:07	TBC		3min Power Pitch 4
16:11	TBC		3min Power Pitch 5
16:15	TBC		3min Power Pitch 6
16:19	TBC		3min Power Pitch 7
16:23	TBC		3min Power Pitch 8
16:27	TBC		3min Power Pitch 9
16:31	TBC		3min Power Pitch 10
16:35	TBC		3min Power Pitch 11
16:39	TBC		3min Power Pitch 12
16:55	Awards and Closing Remarks		
17:00	Networking Drinks		
18:00	END		

Thematic Group Meetings program, Friday 8 August, Adelaide

Friday 8 August: NIF Thematic Group Meetings Adelaide Convention Centre		
9:00 – 10:30	NIF Thematic Group Meeting: Human Imaging	Riverbank Room 8A
10:30 – 11:00	Morning tea	Riverbank Foyer
11:00 – 12:30	NIF Thematic Group Meeting: Molecular Imaging and Radiochemistry	Riverbank Room 8A
12:30 – 13:00	Lunch	Riverbank Foyer
13:00 – 14:30	NIF Thematic Group Meeting: Informatics Meeting	Riverbank Room 8A
14:30 – 15:00	Afternoon tea	Riverbank Foyer
15:00 – 16:30	NIF Thematic Group Meeting: Animals, Plants and Materials	Riverbank Room 8A