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	Emeritus Prof Stuart Crozier	EMVision Medical Devices	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: Prof Tom Johnstone**	**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 Institute of Neuroscience and Mental Health	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 Karine Mardon and Dr Gary Cowin**	
15:55	Dr Karine Mardon and Dr Gary Cowin	University of Queensland	Session Introduction
16:00	Brooklyn Wright	University of New South Wales	Novel Methods to Achieve the Highest Resolution in-vivo Child Brain MRI - A Pilot Study
16:04	Dr Bowen Xin	CSIRO	Ultrashort Echo-time MRI and Fourier Decomposition MRI for Structural and Functional Pulmonary Abnormalities in Ataxia Telangiectasia - A Pilot Study
16:08	Tran Hoang	Monash University	Structural connectivity of the claustrum-amygdala connection to the PFC suggests an underlying network related to anxiety

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Time	Name	Institution	Title
16:12	Robert Williams	University of Melbourne	Appropriate selection of subjects for amyloid therapy; Visual Readings versus Centiloid
16:16	Xincheng Ye	University of Queensland	Modality-Specific Strategies for Medical Image Segmentation using Lightweight SAM Architectures
16:20	Dr Arif Gulzar	University of Queensland	Tumor Microenvironment responsive PET-MRI guided delivery of 212Pb for cancer theranostic
16:24	Dr Kh Tohidul Islam	Monash University	Radiological Image Quality Assessment of Synthetic 3T MRI Image from 64mT MRI
16:28	Dr Ashley Stewart	University of Queensland	QSMxT: A Toolbox for Seamless Quantitative Susceptibility Mapping on Any Platform
16:32	Dr Fernanda Ribeiro	University of Queensland	DeepRetinotopy: Towards a Comprehensive Toolkit for Human Visual Cortex Parcellation
16:36	Marshall Xu	University of Queensland	VesselBoost: Improving Segmentation of Small Vessels in Human Brain Magnetic Resonance Angiograms
16:40	Dr Robert Smith	The Florey Institute of Neuroscience and Mental Health	"Where did you come from; where do you go?": Validation of orientation-dependent metadata in diffusion Magnetic Resonance Imaging
16:44	Dr Miao Cao	Swinburne University of Technology	Three-dimensional velocity fields of pathological and physiological neural dynamics reveal singularities and propagation pathways
16:55	**Awards and Closing Remarks**		
17:00	**Networking Drinks**		
18:00	**END**		