PROGRAM

5 November 2026
Health Translation Hub, UNSW
Time: 8:30 – 18:00

8:30 – 9:00	**Event Registrations**	
Official Opening Session - RINSW Cima.X Fit Launch Celebration		
9:00 – 9:10	Acknowledgement of Country & Introduction to Research Imaging NSW	Prof. Claudia Hillenbrand, UNSW
9:10 – 9:20	UNSW Welcome Address	Prof. Parmjot Bains, Chief Medical Director, UNSW on behalf of Prof. Bronwyn Fox AO, Deputy Vice Chancellor Research & Enterprise, UNSW
9:20 – 9:25	Remarks on Partnership – Prince of Wales Hospital	Dr. Martin Mackertich, Director of Clinical Services, Prince of Wales Hospital
9:25 – 9:35	Cima.X Fit Launch Remarks – National Imaging Facility	Prof. Wojtek Goscinski, CEO, National Imaging Facility
9:35 – 9:45	Official Cima.X Fit Launch	
Keynote Lecture		
9:45 – 10:45	MRI's Next Horizon: From Fingerprinting to Clinical Impact in Dementia and Oncology	Prof. Mark Griswold, Case Western Reserve University, Cleveland, OH, USA
10:45 – 11:10	**Morning Tea**	
Brain Health in Focus: Resilience, Risk and Disease **Chair: Prof. Leigh Johnston, University of Melbourne**		
11:10 – 11:35	The Resilient Minds (ReMIND): Mapping Pathways to Lifelong Brain Health	Prof. Kaarin Anstey, UNSW
11:35 – 12:00	Imaging Cerebral Small Vessel Disease – Recent Advances.	Prof. Perminder Sachdev, UNSW
12:00 – 12:25	After the Final Whistle: Brain Health in Former Elite Athletes – The REVERE Study	Prof. Andrew Gardner, USYD
12:25 – 12:50	Motor Neurone Disease in Focus: Imaging for Earlier Insight	Dr. Sicong Tu, NeuRA
12:50 – 13:40	**Lunch & Networking**	
Featured Siemens Lecture **Chair: Dr. Kieran O'Brien, Siemens Healthineers**		
13:40 – 14:20	MRI Without Borders: An Industry Perspective on MRI Innovation and Impact on Health Outcomes	Dr. Tobi Kober, Head of Research & Clinical Translation for MR, Siemens Healthineers, Germany
The Body in Motion: Precision MRI Across Organ Systems & Applications **Chair: Prof. Daniel Moses, UNSW & Prince of Wales Hospital**		
14:20 – 14:45	Emerging Trends in the Use of Quantitative MRI for Radiation Therapy Applications	Prof. Annette Haworth, USYD
14:45 – 15:10	AI-enabled Longitudinal Assessment of Structural and Functional MRI in Paediatric Lung Disease	Dr. Bowen Xin, SeeTreat, Sydney

15:10 – 16:00	Mini Focus Session: The Heart in Motion • Cardiac MRI Overview and Latest Capabilities • Exercise CMR and Stress Perfusion Imaging with a Women's CV Health Lens • CMR Applications in Cardio-Oncology	Prof. Eylem Levelt, The Baker, Melbourne A/Prof Erin Howden, UNSW Dr. Daniel Chen, UNSW & Prince of Wales Hospital
16:00 – 16:30	**Afternoon Tea**	
Emerging Discoveries & Translation - Beyond the Image: AI, Dynamics & MRI's Next Frontier **Chair: Prof. Markus Barth, University of Queensland**		
16:30 – 17:05	Brain in Motion: Travelling Waves, Memory and Neurodegeneration	Prof. Michael Breakspear, University of Newcastle
17:05 – 17:40	AI in MRI, Healthcare and How Will a More Intelligent Species Treat Humans and Humanity	Prof. Meng Law, Alfred Health & Monash University
CLOSING		
17:40 – 17:50	Concluding Remarks	Dr. Kieran O'Brien, Siemens Healthineers

17:50 – 18:30	**Time for Transfer to Networking Dinner Venue**
18:30 – 22:00	**Restaurant Louie, 260 Arden St, Coogee NSW 2034**

6 November 2026
Council Chambers, Chancellery, UNSW
Time: 8:30 – 17:00

8:30 – 9:00	**Registration Opens**	
Morning Session **Chairs: TBD**		
9:00 – 9:10	Acknowledgement of Country & Welcome	Dr. Kieran O'Brien, Siemens Healthineers
9:10 – 9:45	Two-dimensional COSY: Predicts Breast Cancer and Objectively Diagnoses PTSD, Blast Overpressure and ADHD	Prof. Carolyn Mountford, CEO/Founder DatChem Pty. Ltd.
9:45 – 10:05	MR-only Radiotherapy Planning with Synthetic CT	Dr. Michaela Hoesl, Siemens Healthineers
10:05 – 10:25	CEST – Basic theory, Optimisations & Current Results	Dr Jonathan Goodwin, Calvary Mater Newcastle
10:25 – 10:45	The Role of MR Spectroscopy in the Management of Patients with Gliomas	Dr. Stephanie Withey, Siemens Healthineers
10:45 – 11:05	Sodium MRI at 7T: Overview of recent advances and future directions	Dr. Yasmin Blunck, University of Melbourne
11:05 – 11:25	Non-Contrast Enhanced 4D Intracranial MR Angiography (4D MRA)	Dr. Daniel Staeb, Siemens Healthineers
11:25 – 12:30	**Lunch**	
Afternoon Session **Chairs: TBD**		
12:30 – 12:50	Harmonisation in Longitudinal Studies	Dr. Ying Xia, CSIRO
12:50 – 13:10	Clinically Feasible Quantitative Brain Macromolecule Mapping: Fast Acquisition Methods	Dr. Jin Jin, Siemens Healthineers
13:10 – 13:30	Clinically Feasible Quantitative Brain Macromolecule Mapping: Processing, Quantification, and Validation	Dr. Hamed Moradi, Siemens Healthineers
13:30 – 13:50	Insights into the Developing Brain with Microstructural MRI	Dr. Sila Genc, Royal Children's Hospital Melbourne
13:50 – 14:10	From Diffusion to Quantum: AI and the High-Gradient MRI Frontier	A/Prof Viktor Vegh, University of Queensland
Product Update Ecosystem Overview		
14:10 – 14:30	Collaboration Initiatives: Recent Updates and What's Changing	Dr. Kieran O'Brien, Siemens Healthineers
14:30 – 15:00	**Afternoon Tea**	
Open Recon Hands-On Tutorial		
15:00 – 17:00	Tutorial	Siemens Healthineers Team
17:00	**Adjournment**	

Presenters

Professor Claudia Hillenbrand
Director of Research Imaging NSW, UNSW Sydney

Professor Parmjot Bains
Chief Medical Director, UNSW Sydney

Dr. Martin Mackertich
Director of Clinical Services, Prince of Wales Hospital

Professor Wojtek Goscinski
CEO, National Imaging Facility (NIF)

Professor Mark Griswold
Case Western Reserve University

Scientia Professor Kaarin Anstey
Director of the UNSW Ageing Futures Institute

Professor Perminder Sachdev
Scientia Professor of Neuropsychiatry, UNSW Sydney

Professor Andrew Gardner
School of Health Sciences, USYD

Dr. Sicong Tu
Lenity Fellow, NeuRA and USYD

Presenters

Dr. Tobi Kober
Head of Research & Clinical Translation for MR, Siemens Healthineers

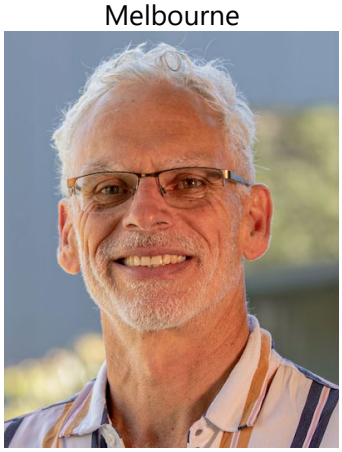
Professor Annette Haworth
Director of the Institute of Medical Physics, USYD

Dr. Bowen Xin
SeeTreat, Sydney

Professor Eylem Levelt
Head of Cardiometabolic Imaging, Baker Heart and Diabetes Institute, Melbourne

A/Professor Erin Howden
School of Health Sciences, UNSW Sydney

Dr Daniel Chen
UNSW & Prince of Wales Hospital



Professor Michael Breakspear
Professor of Systems Neuroscience, University of Newcastle

Professor Meng Law
Program Director of Alfred Health, Director of iBRAIN, Monash University

Chairs

Professor Leigh Johnston
Head of Biomedical Engineering, University of Melbourne

Dr. Kieran O'Brien
Head of Collaborations and Research ANZ, Siemens Healthineers

Professor Daniel Moses
Medical Director, UNSW & Prince of Wales Hospital

Professor Markus Barth
University of Queensland