Sydney Clinical Imaging Summit 2022

Thursday 28 July

9am – 12.30pm
Charles Perkins Centre Auditorium (& online)
12.30 – 1.30pm Lunch

SESSION 1	SYDNEY CLINICAL IMAGING
9.00 – 9.12	**Prof Martin Ugander** (Network Convenor) - *Professor of Cardiac Imaging and Director of Clinical Imaging, Faculty of Medicine and Health (FMH)* Welcome Building the Sydney Clinical Imaging Network
9.13 – 9.23	**Prof Sarah Lewis -** *Professor of Medical Imaging, Associate Dean Research Performance, FMH* Strategic initiatives in clinical imaging teaching and research at Sydney
9.24 – 9.34	**Prof Paul Keall** - *Professor of Medical Physics, Director of Image X Institute, FMH* Initiatives and strengths, industry and commercialisation
9.35 – 9.50	**Q&A**
SESSION 2	PARTNERSHIPS & COLLABORATIONS
9.51 – 10.01	**Prof Jinman Kim** - *Professor, School of Computer Science, Faculty of Engineering* Data-driven health imaging – a collaborative approach to developing next-generation AI medical imaging technologies
10.02 – 10.11	**Prof Patrick Brennan** - *Diagnostic Imaging, Chair, Sydney School of Health Sciences* IMPACT Medical Imaging
10.12 – 10.21	**Prof Steven Meikle** - *Professor of Medical Imaging Physics, Brain and Mind Centre* Total Body PET
10.22 – 10.30	**Dr Tim Chenyu Wang** - *Director of Operations, Sydney Neuroimaging Analysis Centre; Nerve Research Foundation Fellow Multiple Sclerosis Research Australia Fellow, Brain and Mind Centre* Sydney Neuroimaging Analysis Centre (SNAC)
10.31 – 10.39	**Prof Fernando Calamante -** *Director, Sydney Imaging Core Research Facility and Professor, School of Biomedical Engineering, Faculty of Engineering* Sydney Imaging Core Research Facility
10.40 – 11.00	**MORNING TEA**
SESSION 3	CLINICAL IMAGING RESEARCH SHOWCASE
11.01 – 11.02	Session introduction
11.03 – 11.13	**A/Prof Jillian Clarke** - *Program Director Master of Diagnostic Radiography, Discipline of Medical Imaging Science, Sydney School of Health Sciences* Ultrasound research in the discipline of medical imaging and beyond
11.14 – 11.24	**Prof Nehmat Houssami** - *Professor of Public Health, NBCF Chair in Breast Cancer Prevention, NHMRC Investigator (Leader) Fellow, Sydney School of Public Health, FMH; Daffodil Centre, Stream Lead, Breast Cancer Clinical & Population Health Research* Population-based breast imaging research: 2D vs 3D mammography
11.25 – 11.35	**Prof Stuart Grieve** - *Parker Hughes Chair of Radiology, Sydney School of Health Sciences and Group Leader in Cardiac Imaging, Heart Research Institute (HRI)* MRI and computational methods
11.36 – 11.43	**A/Prof Luping Zhou** - *ARC DECRA Fellow, School of Electrical and Information Engineering, Faculty of Engineering* A brief overview of AI in medical imaging
11.44 – 11.50	**Dr Hilary Byrne** - *Program Manager and Research Fellow, ACRF Image X Institute* CT ventilation imaging

11.51 – 11.57	**Dr Yobelli Jimenez** - *Lecturer, Sydney School of Health Sciences* Medical imaging students - building emotional resilience on placements.
11.58 – 12.04	**Dr David Waddington** - *Cancer Institute NSW Early Career Fellow, ACRF Image X Institute* Deploying neural networks for real-time MRI-guidance
12.05 – 12.11	**Dr Caterina Brighi** - *Postdoctoral Research Associate, ACRF Image X Institute, Sydney School of Health Sciences* Magnetic Resonance Imaging of Hypoxia for Radiation Treatment Guidance in Glioblastoma Multiforme – the MANGO imaging study
12.12 – 12.18	**Dr Tess Reynolds** - *Cancer Institute of NSW Early Career Fellow, ACRF Image X Institute* The future of cone beam CT for orthopaedic interventions
12.19 – 12.25	**Dr Sally Ayesa** – *Lecturer and Unit Coordinator, Sydney Medical School* Radiopaedia: Bringing quality radiology education to the global health community
12.26 – 12.30	**Summit close**
12.30 – 1.30	**Lunch**