



Conference Program - TRI Auditorium Tuesday 10 September

8:30am Welcome to Imagine 2019

Professor Carolyn Mountford *TRI*

8:35am The Honourable Kate Jones

Minister for Innovation and Tourism Industry Development
and Minister for the Commonwealth Games

8:45am Imaging And Artificial Intelligence

Dr Sascha Daeuber *Siemens Healthcare*

8:55am The Apollo Landing To Artificial Intelligence in Healthcare

Professor John Irvine *Draper Laboratory*

9:10am Session 1:

Imaging for Complex Surgical Planning

Chair - Dr David Theile *TRI*

9:15am The Role of Imaging In Clinically Applied Digital Innovation

Dr Michael Wagels *TRI, PA Hospital, The University of Queensland*

9:35am Advanced Imaging Solutions for Complex Surgical Problems

Dr Thomas Lloyd *PA Hospital*

9:55am Digitalization Is Key For Better Patient Care - Use of AI Will Be Prevalent In The Near Future

Dr Thomas Friese *Siemens Healthcare*

10:25am - 10:55am *Morning Tea*

10:55am Session 2:

The Coming of Age for Functional Imaging

Chair - Professor Graeme Jackson

11:30am Functional MRI In Epilepsy

Professor Graeme Jackson *Florey Institute of Neuroscience and Mental Health*

11:50am Brain Imaging In Patients With Gastrointestinal Disorders

Dr Marcus Gray *TRI*

12:05pm - 12:55pm *Lunch*

12:55 Session 3:

Cardiac Imaging

Chair - Dr Richard Slaughter

1:00pm Rethinking Myocardial Imaging: From Biology To Outcomes

Professor James Moon *Barts Heart Centre and UCL*

1:30pm Integrating Advanced Cardiovascular Imaging With Deep Molecular And Clinical Phenotyping to Accelerate Biomarker Discovery

Professor Gemma Figtree *University of Sydney, RNS Hospital*

1:45pm Accelerating Cardiac MRI In Australia

Dr John Younger *St Andrew's War Memorial Hospital*

2:00pm - 2.25pm *Afternoon Tea*

2:25pm Session 4:

Pain: Acute to Chronic

Chair - Professor Michael Schuetz

2:30pm What Matters At The End For The Injured Patient - Quality Of Life, Pain And Mobility

Professor Michael Schuetz *Jamieson Trauma Institute Faculty of Health*

2:50pm Closed Loop Spinal Cord Stimulation System

Dr John Parker *Saluda Medical*

3:10pm Efficacy Of Closed Loop Spinal Cord Stimulation

Dr Nathan Taylor *RNS Hospital*

3:30pm Non Invasive Method To Diagnose Pain, Level Of Pain And Response To Therapy

Professor Carolyn Mountford *TRI*

3:50pm Panel Discussion: Imaging, Data Mining and Hospitals

Chair Professor Keith McNeal *Queensland Health*

Panel: Professor Graeme Jackson, Professor John Irvine, Professor Herb Kressel

5:00pm *Drinks and Networking in the Atrium*



IMAGINE 2019

INNOVATION AND TRANSLATION IN IMAGING SUMMIT

Workshops Program - TRI - Wednesday 11 September



Dr John Parker
CEO Saluda Medical



Dr Nathan Taylor
Interventional Pain Medicine Specialist, Visiting Medical Officer Royal North Shore Hospital



Professor John Irvine
Chief Scientist, Data Analytics & Laboratory Technical Staff, Draper Laboratory Boston



Professor Alberto Bizzi
Neuroradiology Unit, Fondazione IRCCS Istituto Neurologico Carlo Besta Milan



Professor Herb Kressel
Radiologist-In-Chief Department of Radiology Beth Israel Hospital; Miriam H. Stoneman Professor of Radiology, Harvard Medical School; Editor in Chief, Radiology Boston



Professor Gemma Figtree
Professor Medicine, University of Sydney; Interventional Cardiologist RNS Hospital



Professor James Moon
Clinical Director Imaging Barts Heart Centre & UCL London

Time	Title	Speaker	Location
9:30am - 10:30am	Innovation in Pain Management Workshop	Dr John Parker Dr Nathan Taylor	Room 2003/2004
<i>10:30am – 11am Morning Tea</i>			
11am – 12pm	Data Mining Medical Information	Professor John Irvine	Auditorium
<i>12pm - 1pm Lunch</i>			
1pm - 2pm	Advanced MR Imaging of Brain Tumors Lecture	Professor Alberto Bizzi	Room 2003/2004
2pm-3pm	Prostate MRI 2019: Current Status and Developing Trends in Diagnosis, Staging, Surveillance and Monitoring Post Treatment	Professor Herb Kressel	Room 2003/2004
<i>3pm - 3:30pm Afternoon Tea</i>			
3:30-4:45pm	Engaging Multi-domain Data to drive Deep Learning in Understanding Cardiovascular Disease - <i>Observation, Bioinformatics, Outcomes, Impact</i>	Professor Gemma Figtree Professor James Moon	Room 2003/2004