



Victorian Biomedical Imaging Capability Annual Network Meeting - Thursday 23 November 2023

9:30 – 9:40 **Welcome from the Chair**
Prof. Leigh Johnston, The University of Melbourne

VBIC Node Updates

Chair: Prof. Leigh Johnston

9:40 – 9:45 **The University of Melbourne**
Prof. Leigh Johnston

9:45 – 9:50 **Monash University**
Prof. Christoph Hagemeyer

9:50 – 9:55 **Olivia Newton-John Cancer Research Institute/ Latrobe University**
Prof. Andrew Scott

9:55 – 10:00 **Swinburne University**
Dr. David White

10:00 – 10:05 **The Florey Institute**
A/Prof. Heath Pardoe

10:05 – 10:15 **National Imaging Facility (NIF)**
Dr. Shawna Farquharson, Senior Scientist and National Coordinator for Magnetic Resonance Imaging (MRI)

10:15 – 10:30 **Questions**

Morning Tea. 10:30 – 11:00

Industry and Commercialisation

Chair: Prof. Andrew Scott

11:00 – 11:15 **Bringing your Research Closer to Translation**
Dr. Kieran O'Brien, Siemens Healthineers

11:15 – 11:30 **Machine Learning for Late-stage Cancer Clinical Decision Support**
Mr. Russell Francis, AIQ Solutions, Dr. Mikaela Dell'Oro, University of Western Australia

11:30 – 11:45 **4D Medical Presentation**
Prof. Tim O'Meara

11:45 – 12:00 **Industry Panel Discussion**

Major Research Program and VBIC Early Career Researcher Award

Chair: A/Prof. Heath Pardoe

- 12:00 – 12:30 **Hyperfine Oz Network**
A/Prof. Zhaolin Chen
- 12:30 – 12:45 **VBIC 2023 Early Career Researcher Award Presentation**
Ms. Himashi Peiris

Lunch. 12:45 – 13:30

Innovation in Imaging Research

Chair: Dr. David White

- 13:30 – 13:45 **Affinity Scores: Individualised Diagnosis of Mental Health Disorders**
Dr. Warda Syeda, The University of Melbourne
- 13:45 – 14:00 **Magnetic Particle Imaging – an Innovative Imaging Technique**
Dr. Karen Alt, Monash University
- 14:00 – 14:15 **Imaging of Cancer Cachexia**
Dr. Ingrid Burvenich, ONJCRI/ Latrobe University
- 14:15 – 14:30 **Measuring Brain Response to Transcutaneous Vagus Nerve Stimulation (tVNS) Using Simultaneous Magnetoencephalography (MEG)**
Dr. Will Woods, Swinburne University
- 14:30 – 14:45 **To Read or Not to Read: That Determines the Connection**
Dr. Chris Tailby, The Florey Institute
- 14:45 – 15:00 **Panel Discussion – 15 mins**

Afternoon Tea. 15:00 – 15:30

Major Research Program and VBIC Emerging Leader Award

Chair: Prof. Christoph Hagemeyer

- 15:30 – 16:00 **Molecular Imaging in Translation of Discoveries into the Clinic**
Prof. Andrew Scott
- 16:00 – 16:15 **VBIC 2023 Emerging Leader Award Presentation**
Dr. James Pang

Meeting Close

- 16:15 – 16:20 **Closing Remarks from the Chair**
Prof. Leigh Johnston

Proudly Sponsored By



The VBIC Nodes

