“New Frontiers in Cardiology”
Frontier (ˈfrʌntɪə,frʌnˈtɪə/) - the extreme limit of understanding or achievement in a particular area

08.30 - 09.00  Registration
How will we use stem cells in cardiology?
Chairperson:  Dr. James Chong (Cardiologist, Westmead Hospital, Research Group Leader Westmead Millennium Institute)

09.00 - 09.05  Welcome: Mr. Shaun Drummond (Executive Director of Operations, Western Sydney Local Health District)

09.05 - 10.00  Cardiac repair using human pluripotent stem cells
Keynote Speaker:  A/Prof. Michael Laflamme (Cardiovascular Pathologist, University of Washington and Research Group Leader, Center for Cardiovascular Biology, Seattle, USA)

10.00 - 10.25  Cardiac regeneration and stem cells at Westmead Hospital Dr. James Chong

10.30 - 11.00  MORNING TEA
How will we use genomics and proteomics in cardiology?
Chairperson:  Dr. Eddy Kizana (Cardiologist, Westmead Hospital, Research Group Leader Westmead Millennium Institute)

11.00 - 11.30  Genomics in cardiac clinical practice - shaping the future of cardiology
Prof. Chris Semsarian (Cardiologist, Royal Prince Alfred Hospital, Head, Molecular Cardiology Group, Centenary Institute, Sydney)

11.30 - 11.55  Cardiac gene therapy at Westmead Hospital Dr. Eddy Kizana

11.55 - 12.20  Heart failure with preserved systolic function: Pathophysiology to the clinic
Prof. David Kaye (Cardiologist, Alfred Hospital, Head, Cardiology Division, Baker IDI Heart and Diabetes Institute, Melbourne)

12.20 - 12.30  Panel Discussion - Future frontiers
A/Prof. Michael Laflamme, Prof. Chris Semsarian, Prof. David Kaye, Dr. Eddy Kizana, Dr. James Chong

12.30 - 14.00  LUNCH
Advances in arrhythmias and structural heart disease
Chairperson:  A/Prof. Pramesh Kovoor (Director of Cardiac Services, Westmead Hospital, Director, Centre for Heart Research, Westmead Millennium Institute)

14.00 - 14.30  Prediction and management of ventricular arrhythmias after myocardial infarction
Prof. David Ross (Cardiologist, Westmead Hospital)

14.30 - 14.55  Who is suitable for pulmonary vein isolation to treat atrial fibrillation now?
A/Prof. Stuart Thomas (Cardiologist, Westmead Hospital)

14.55 - 15.20  New solutions for structural heart disease Dr. David Tanous (Cardiologist, Westmead Hospital)

15.20 - 15.30  Panel Discussion - Frontiers for cardiac arrhythmia and structural heart disease
Prof. David Ross, A/Prof. Pramesh Kovoor, A/Prof. Dr. Stuart Thomas, Dr. David Tanous, A/Prof. Andrew Ong, Prof. Robert Denniss (Director, Cardiac Services Blacktown Hospital)

15.30 - 16.00  AFTERNOON TEA
Advances in cardiac imaging and cardiac devices
Chairperson:  Dr. Clara Chow (Cardiologist, Westmead Hospital, Head Cardiac Program George Institute, Sydney)

16.00 - 16.30  What is the best way to diagnose coronary artery disease: exercise stress tests, myocardial perfusion, CT-coronary angiography Dr. Clara Chow

16.30 - 17.00  Advances in cardiac implantable device therapy Dr. Gopal Sivagangabalan (Cardiologist, Westmead Hospital)