



CLINICAL IMAGING RESEARCH CENTRE SINGAPORE

A joint venture between the Agency for Science, Technology And Research (A*STAR)
and the National University of Singapore (NUS)

The A*STAR-NUS Clinical Imaging Research Centre (CIRC) Presents Weekly Journal Club/Lab Meeting

November, 2015

Time: 2:00pm – 3:00pm, Wednesday

Venue: CIRC Conference Room
Clinical Imaging Research Centre (CIRC)
Centre for Translational Medicine (MD6)
14 Medical Drive, #B1-01
Singapore 117599

Date	Speakers	Topic
4-Nov-15	Kristin McLeod	Computational Cardiac Modelling @ Simula
11-Nov-15	No speaker	
18-Nov-15	Professor Brent Vogt	The Four Region Model of Cingulate Function Explained
25-Nov-15	Josh Schaefferkoetter	Overview of the IEEE MIC Conference



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Speaker Background

Kristin McLeod:

Kristin's research is focused on analysing medical images (such as MRI, CT, ultrasound) using image processing techniques, mathematical modelling, and statistics. The aim of her work is to develop reduced-order models of cardiac growth, motion, and blood flow in order to perform population-based analysis of cardiac phenomena for a given disease.

She completed her doctoral studies at INRIA, France in the Asclepios research group (degree issued by the Université de Nice Sophia Antipolis) in 2013. Kristin has been working since then as a postdoctoral fellow in the Computational Cardiac Modelling department at Simula Research Laboratory, Norway as a part of the Centre for Cardiological Innovation (CCI).

Her undergraduate studies were carried out at Massey University, New Zealand, where she completed a BA double major in mathematics and psychology, followed by a BSc Hons (with first class honours) in mathematics, and a MSc in mathematics, with a research project on statistical modelling of fish populations for the Ministry of Fisheries in conjunction with NIWA.

For further information about her past and present research efforts, see www.kristin-mcleod.com

Brent Vogt:

Research Professor

Department of Anatomy & Neurobiology
Boston University School of Medicine

<http://www.bumc.bu.edu/anatneuro/our-people/faculty/dr-brent-vogt/>

Josh Schaefferkoetter:

Research Fellow, CIRC

PhD in Physics, University of Tennessee, US

--- Admission is free and all are welcome ---



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