



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

April, 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
1-Apr-15	Thomas Yeo	“Specialization and Flexibility in Human Association Cortex”
8-Apr-15	Jianhua Yan	“Data-driven motion correction for PET imaging”
15-Apr-15	Limiao Jiang	“Diffusion-weighted MR spectroscopy”
22-Apr-15	Josh Schaefferkoetter	“Kinetic Modeling with PET”
29-Apr-15	Mary Stephenson	“MR spectroscopy at CIRC: a project update”



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Speaker Background

Thomas Yeo:

Thomas Yeo is an Assistant Professor at the Department of Electrical and Computer Engineering (National University of Singapore). He received his B.S. and M.S. in from Stanford University and Ph.D. from the Massachusetts Institute of Technology. Prior to NUS, Thomas was a research fellow at Harvard University and Duke-NUS Graduate Medical School. Thomas is a recipient of the A*STAR National Science Scholarship, the MICCAI Young Scientist Award and the MICCAI Young Investigator Publication Impact Award.

Jianhua Yan:

After completing his PhD's degree from Huazhong University of Science and Technology, China in 2007, he joined Yale PET center as a postdoctoral research associate working on PET tracer kinetic modeling and direct 4D parametric image reconstruction. His current interests include multi-modal imaging (PET/MR and PET/CT), image analysis and clinical applications.

Limiao Jiang:

Limiao Jiang, with PhD background in Analytical Chemistry, worked in NUS Department of Diagnostic Radiology as a Research Associate and then as a Research Fellow since 2013. His main research interests include magnetic resonance spectroscopy (MRS), metabolomics and their application in clinical settings.

Josh Schaefferkoetter:

Research Fellow, CIRC

PhD in Physics, University of Tennessee, US

Mary Stephenson:

Mary Stephenson is an MR Physicist working at the Clinical Imaging Research Centre, A*STAR-NUS, Singapore. Mary received a PhD in Physics in 2009, from the Sir Peter Mansfield Magnetic Resonance Centre (SPMMRC) at the University of Nottingham, for her work on clinical applications of Magnetic Resonance Spectroscopy. She continued as a post-doctoral research fellow the SPMMRC before



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moving to Singapore in 2013. Mary's work includes applications of MRS in brain, muscle and hepatic tissue to investigate pathologies such as Diabetes, Schizophrenia, Depression, Alzheimer's Disease and Parkinson's Disease as well as improving understanding of healthy human metabolism.

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



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