



# 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

### October

**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
05/10/2016	Maria/Sapiah	"Development of biomarkers to assess trabecular bone quality using medical imaging"
12/10/2016	XiaoYu/QiaoLan	(TBA)
19/10/2016	Mary Stephenson	"The effects of hypohydration and hyperthermia on the brain"
26/10/2016	Ana Pavlovic	"Generalised Stochastic Blockmodels and their Applications in the Analysis of Brain Networks"



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## Speaker Background

### **Maria Kalimeri:**

Maria studied Electrical Engineering at the National Technical University of Athens, Greece. She then moved to The Netherlands, where she acquired a Master's Degree on Biomedical Engineering, with a focus on Image Analysis and MRI technology, at Technical University Eindhoven. After graduation, she worked at 3mensio, a small cardiac imaging company, before getting a job with Philips Digital Pathology. In Philips Digital Pathology she worked mainly as a software developer, with a focus on User Interface design and implementation, but was also involved in other parts of product development, such as testing, demonstrations and requirements management. She joined CIRC in August 2014.

### **Sapiah Binte Alibaba:**

Sapiah is a Radiographer at CIRC. She graduated with a degree in Diagnostic Radiography from London South Banks University in 2010 and joined Mount Elizabeth Hospital where she worked for more than 5 years before joining CIRC.

### **XiaoYu Cheng:**

Nurse at CIRC.

### **QiaoLan Hu:**

Nurse at CIRC.

### **Dr Mary Stephenson:**

Dr Mary Stephenson, a Senior Research Fellow at the Clinical Imaging Research Centre, specializes in development and application of Magnetic Resonance Imaging, and particularly Spectroscopy, to understanding healthy human metabolism and how it is perturbed in disease and healthy aging. Mary's previous work has included application of multinuclear spectroscopy to understand perturbed glucose and lipid metabolism in Type II Diabetes Mellitus and fatty liver disease, as well as investigating the metabolic changes in neurodegeneration (Parkinson's Disease and Alzheimers Disease). Mary will talk on two of her current projects at CIRC investigating the effects of hypohydration and hyperthermia on the brain.



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## **Dr Ana Pavlovic:**

Ana got her Phd in the department of statistics in the University of Warwick under the supervision of Prof. Thomas E. Nichols. Currently she is working with Prof. Thomas Yeo on network models for neuroimaging data.

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



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