



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

May, 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
6-May-15	Jianhua Yan	Overview of motion correction in PET imaging
13-May-15	Hans Christiaans	Overview of CIRC's Radiochemistry Facility Status
20-May-15	Maria Kalimeri	"Assessing the trabecular structure of the femoral neck in humans and sheep using MRI and CT"
27-May-15	Stephanie Marchesseau	Status of Ongoing Cardiac Projects



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Speaker Background

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.

Hans Christiaans:

Hans Christiaans received his MSc in Chemistry from Utrecht University and PhD in Medicinal Chemistry from Vrije Universiteit Amsterdam. He worked as a Medicinal Chemist at a pharmaceutical company in Germany before moving to the University of Kuopio in Finland where he worked as a Research Scientist and docent at the Department of Pharmaceutical Chemistry. He moved back to the Netherlands to work in the pharmaceutical industry. He returned to academia as researcher in radiochemistry at the Department of Nuclear Medicine & PET Research of the VUMC in Amsterdam. Since November 2012 he works as Head of Radiochemistry at CIRC.

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.

Stephanie Marchesseau:

Stephanie obtained an Engineering Degree (equivalent to a MSc) from "Ecole des Mines de Nancy" (FRANCE) one of the top 15 French engineering schools, and a MSc of Applied Maths and Theoretical



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Physics from the University of Cambridge (UK) in June 2008. Stephanie obtained her PhD from "Ecole des Mines de Paris" (France) in January 2013 for her work at Inria Sophia Antipolis (France) in Asclepios research project on patient specific cardiac simulation. From January 2013, she pursued her postdoctoral research at Asclepios on cardiac fiber modelling. Since March 2014, she has been a research fellow at CIRC working on medical image processing mainly involving cardiac images.

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



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