



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

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-Jan-14	Break: New Year	
8-Jan-14	Maurizio Conti (Siemens) & Josh Schaefferkoetter (CIRC)	<p>Joint presentation on: Numerical Observers, Introduction to The Method And An Application For Prostate Cancer Imaging.</p> <p>Josh: "Numerical Observers for Assessing Image Quality" Summary: Lesion detection is a routine task in medical imaging and is commonly used as a platform to assess image quality. Ideally, radiologists or other certified photointerpreters would be used, but for several reasons, this is often not practical. In specified tasks, mathematical observers can reliably predict the performance of humans. The theory and application of these in molecular imaging will be presented.</p> <p>Maurizio: Expanding the capabilities of present PET technology for prostate cancer imaging Summary: introduction to PET imaging for prostate cancer, from the point of view of biomarkers and scanner technology. Discussion of the opportunities offered in the field by new technologies. Results from a simulation study with numerical observers.</p>
15-Jan-14	Dennis Cheong (CIRC)	Presentation based on article "Prostate MRI: Can we do without DCE sequences in 2013?" by P. Puech et al. in Diagnostic and Interventional Imaging, 94:1299-1311, 2013.



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22-Jan-14	Prof. Ng Thian Chor (CIRC)	Early Responses of Breast Cancer Patients to Chemotherapy with and without Anti-angiogenic Pre-treatment Monitored by Diffusion Tensor Imaging
29-Jan-14	Lim Sin Chun (CIRC)	Copper Complexes for PET Imaging of Amyloid-Beta Plaques in Alzheimer's Disease

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



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