3rd Spinal Cord MRI Workshop

Singapore, 2016

When: **May 13th 2016, 12pm – 8pm**
Where: **Singapore Bioimaging Consortium (SBIC)**
11 Biopolis Way, #02-02 Helios, Singapore 138667
How to get there: https://goo.gl/G40jgo

Fees: Free! But please register here: http://goo.gl/forms/W17zqKMfpv
Organizers: Julien Cohen-Adad, Benjamin De Leener, Francesco Grussu, Ferran Prados, Paul Summers
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The aim of this workshop is to bring together spinal cord MRI researchers and clinicians from around the world, discuss the technical issues related to acquisition and processing of data and come up with collaborative solutions. Specific topics include:

- Software for processing spinal cord data (including hands-on with experts)
- qMRI techniques: DTI, q-space, CEST, MTR, MWF, fMRI (T2w or T2*-w?), spectroscopy, …
- Standardization of acquisition strategies across vendors

Program:

Seminar room (Level2)
12:00-12:15   Introduction
12:15-13:45   Grey matter segmentation challenge: what's there and what's next?
                     More information here: http://goo.gl/h4AVar
13:45-14:00   Coffee break + pastries

Seminar room (Level2)
14:00-14:30   Short talks on ISMRM's "hot topics"
14:30-16:00   Discussion (people are welcome to suggest other topics):

- What qMRI techniques to use for what? Discussion about sensitivity, specificity, reproducibility
- What sequence for each vendor? What parameters?
- Standardization: establish cross-platform for acquisition and processing, discuss intra- and inter-site variability for each qMRI metric

16:00-16:15   Coffee break + pastries

Conference room (Level2)
16:15-20:00   Course on the *Spinal Cord Toolbox* (*)
                     http://sourceforge.net/projects/spinalcordtoolbox/

Past meetings: Milan'14, Toronto'15

(*) Bring your laptop and data!   Sponsored by: Singapore Bioimaging Consortium A*STAR   WINGS for LIFE   SPINAL RESEARCH