

Schedule and resources from the OHBM Open Science Room: Singapore 2018

Open daily June 17-21 from 8:00 – 19:00

ROOM: 311

Sunday: 12:00 - 13:00 Brain Hacking 101

Sunday: 16:30 - 17:15 Open Science SIG Meeting

Monday: 10:30 - 12:00 OHBM Hackathon projects 2018

Monday 12:30 - 14:30: Anatomical Imaging, Statistics & Pattern Classification

BIANCA - Brain Intensity AbNormality Classification Algorithm, Ludovica Griffanti

CAT12 - A Computational Anatomy Toolbox for SPM, Christian Gaser

SwE - Sandwich Estimator for Longitudinal and Repeated Measures Neuroimaging data, Thomas Nichols

FreeSurfer, FS-FAST, TRACULA - structural, functional and diffusion MRI, Leah Morgan & Viviana Siless

PRoNTo - Pattern Recognition for Neuroimaging Toolbox, Janaina Mourao-Miranda

Tuesday 12:30 - 14:30: Functional Imaging, Network Modelling & Machine Learning

GIFT & FIT - Group ICA Of fMRI Toolbox / Fusion ICA Toolbox, Vince Calhoun

fMRIprep - A Robust Preprocessing Pipeline for fMRI Data, Chris Gorgolewski

FSLnets - network modelling from (fMRI) time series data, Eugene Duff

Nilearn - Machine learning for Neuro-Imaging in Python, Jerome Dockes

Neuropredict - Automatic estimation of predictive power of neuroimaging features, Pradeep Raamana

Wednesday 12:30 - 14:30: Diffusion Imaging, MRI Quality Control & PLS regression

MRtrix - Advanced tools for the analysis of diffusion MRI data, Peter McColgan

MDT - Microstructure Diffusion Toolbox, Alard Roebroeck

DiPy - Diffusion imaging in Python, Kesshi Jordan

VisualQC - Assistive tool for quality control of neuroimaging data, Pradeep Raamana

myPLS - Partial least squares for relating imaging to behavior data, Valeria Kebets

Thursday 12:30 - 14:30: Connectivity, Statistics & Machine Learning

ICP & CONGRADS - Instantaneous Connectivity Parcellation / Connectivity Gradients, Christian Beckmann

PALM - Permutation Analysis of Linear Models, Anderson Winkler

NDMG - NeuroData's MRI Graphs pipeline, Eric Bridgeford

CLINICA - Platform for Reproducible Clinical Neuroimaging Studies, Ninon Burgos

PHOTON - a Python-based Hyperparameter Optimization Toolbox for Neural Networks & PAC 2018 Award Announcement, Tim Hahn

Website for latest changes: <https://github.com/ohbm/OpenScienceRoom2018>