



Workshop: Septembre 14th, 2015
 MATRICE ISC-PIF

From open data to multi-level cerebral dynamics
 Institut des Systèmes Complexes (ISC)
 113 rue Nationale, Paris 13

The Workshop is an intensive program for docs, post-docs, researchers and clinicians, to promote innovative approaches to issues of open data and systematic and automated analysis of brain databases. The entrance is free.

Program

9h: Welcome

9h30 – 10h: Salma Mesmoudi (MATRICE, Paris 1 Panthéon-Sorbonne University, Paris, France). **LinkRbrain : multi-scale data integrator of the brain.**

10h15 – 10h45: Robert Cox (National Institut of Health, USA).

Interactive brain atlases in AFNI: internal and Web-enabled databases.

11h – 11h15: Coffee Break

11h15 – 11h45: Alejandro Lopez Rincon (Riken Brain Science Institute, Nagoya, Japan).

The reconstruction of potentials on the cortex using the inverse problem and genetic algorithms.

12h – 12h30: Fanny Dégeilh (EPHE-Inserm-Caen Normandie University, Caen, France).

Automatic review/meta-analysis of PTSD papers.

12h45 – 14h: Lunch

14h – 14h30: Jonathan Passerat-Palmbach (Imperial College, London, UK).

Data collection and processing in the developing Human Connectome Project.

14h45 – 15h15: Sara Genon (Research Centre Jülich, Germany).

Sharing in neuroimaging: From data with Brainmap to metadata with ANIMA.

15h30 – 15h45 : Coffee Break

15h45 – 16h15 :Romain Reuillon, Mathieu Leclaire (ISC-PIF,CNRS, Paris, France).

OpenMole : how to distribute neuroscience ?

16h30 – 17h: Danièle Bourcier (CERSA,CNRS, Paris, France).

Open data, Ethics and law in France

17h – 17h30: **Overall schedule and discussion**