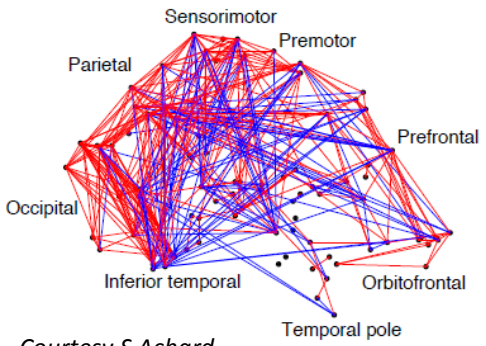
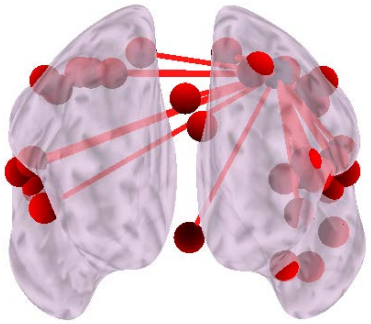



*Courtesy S Achard*

# Functional Connectivity Course 2013 Grenoble France



*Courtesy A Jaillard*

**This course will give an overview of the main methods for functional brain connectivity analysis in activation and resting-state fMRI. Designed to help PhD students, clinicians and researchers in planning and analyzing fMRI studies, this course includes a theoretical background and a demonstration for each software. Additional training sessions are proposed.**

- Dynamic Causal Modeling (DCM): Olivier David (GIN Grenoble) and Jérémie Mattout (CNRS Lyon)
- Psycho-Physiological Interactions (PPI) : Darren Gitelman (NorthWestern University Chicago)
- Seed-based Functional Connectivity (Conn): Sue Whitfield Gabrielli (MIT Boston)
- Independent Component Analysis (GIFT): Elena Allen(Yale University)
- Graph Theory (Brainwaver): Sophie Achard (GIPSA-Lab Grenoble)

**This five-days course will be held from September 23 to 27, 2013 in Grenoble (France) at the Grenoble Neuroscience Institute.**

**Scientific organization**: Assia Jaillard (CHUG); Chantal Delon Martin (GIN); Cédric Pichat (UPMF); Alexandre Krainik (CHUG) Thomas Zeffiro (Martinos Center Boston); Olivier David (GIN); Sophie Achard (GIPSA Lab) ; Jean François Le Bas (CHUG)