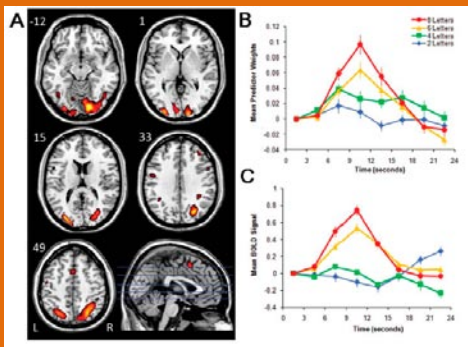


January 25, 2011

# NEW METHODS FOR fMRI DATA ANALYSIS

Scientific meeting of the workgroup NICOSIA

Neuroimaging cognition signal and image analysis



Amphithéâtre Serge Kampf  
GIN-Grenoble Institut des  
neurosciences  
Université Joseph Fourier-Site Santé  
LA TRONCHE

NEUROIMAGING DATA - MULTIVARIABLE APPROCHES  
BRAIN CONNECTIVITY - PATTERN RECOGNITION

## Program of the meeting

- 14:00-15:00 **Constrained PCA for relating deconvolved fMRI signal to experimental conditions**, *Todd Woodward*
- 15:00-16:00 **Machine learning techniques for brain activity decoding**, *Bertrand Thirion*
- 16:00-16:15 Break
- 16:15-17:15 **Functional connectivity of the brain with wavelets : a small-world model**, *Sophie Achard*

## Invited speakers

- Todd WOODWARD**, Assistant Professor, Department of Psychiatry, University of British Columbia, Vancouver, Canada
- Bertrand THIRION**, Researcher INRIA, Neurospin, CEA Saclay
- Sophie ACHARD**, Research fellow CNRS, GIPSA-lab, Grenoble

<http://euterpe.ujf-grenoble.fr/nicosia/>