



MULTISCALE NEURODYNAMICS OF EMOTIONS AND THEIR PATHOLOGIES

FROM OSCILLATIONS TO COMPLEX NETWORKS

19 OCTOBRE 2017 >> 9h – 17h30
UNIVERSITÉ DE **LILLE**, FRANCE

ORGANISATEURS:

>> *DAVID PAPO*

>> *JEAN-LOUIS NANDRINO*

>> *HENRIQUE SEQUEIRA*

LIEU : Pôle Formation de la Faculté de Médecine de Lille >> **AMPHI MULTIMEDIA**



CHU-Eurasanté > terminus ligne 1

PROGRAM >>

9:00 – 9:15 >> WELCOME AND WORKSHOP PRESENTATION

SESSION 1: **Methods in emotional studies: from behaviour to electrophysiology**

9:15 – 9:55 >> H. Sequeira (Université de Lille) *"How can we study the neurophysiology of emotions? A mini-review of current techniques"*

9:55 – 10:35 >> B. Güntekin (Istanbul Medipol University) *"Event related oscillatory dynamics of emotion processes"*

COFFEE BREAK

SESSION 2: **From time series to complex networks**

10:50 – 11:30 >> L. Pezard (Université d'Aix-Marseille) *"Nonlinear methods: from neurophysiology to behavioural data"*

11:30 – 12:10 >> M. Zanin (Universidad Politécnica de Madrid) *"Complex network theory in neuroimaging and beyond"*

12:10– 12:50 >> M. Chavez (ICM) *"Complex network theory in neurophysiology"*

LUNCH BREAK

SESSION 3: **Outstanding issues in time series and complex network analysis**

14:30 – 15:10 >> F. de Vico Fallani (INRIA & ICM) *"Graph analysis of functional brain networks: practical issues in translational neuroscience"*

15:10 – 15:50 >> M. Zanin (Universidad Politécnica de Madrid) *"Bayesian functional networks"*

COFFEE BREAK

16:10 – 16:50 >> D. Papo (Université de Lille) *"Spatial and temporal analysis of neuroimaging data"*

16:50 – 17:30 >> **General Discussion** *"Methods and Perspectives in Emotion research"*

19:30 DÎNER >> "L'Assiette du Marché"