



4TH RESEARCH MEETING ON INTRACRANIAL EEG

An opportunity to exchange on research strategies and to share common approaches for more impactful research

Keynote lecture

Dr. Olivier DAVID

Brain stimulation and systems neuroscience group
Grenoble Institute of Neurosciences

June 4th, 2019, 9:30-16:30
Auditoire Gustave Julliard, Rue Alcide-Jentzer 17, 1205 Genève

Attendance is free, registration necessary
E-mail Laurent.Spinelli@hcuge.ch no later than May 14

Program

09:30-10:00 coffee

10:00-12:05 morning session

Welcome and introduction

Margitta Seeck & Laurent Spinelli, HUG, neurology

Localization of intracranial EEG electrodes and micro-electrode recordings

Pierre Mégevand, UNIGE, neuroscience

EEG alterations by hidden epileptic activity: a simultaneous scalp-intracranial EEG study

Renaud Marquis, HUG, neurology

Microelectrode recordings of activity in the postcentral cortex during mental rotation

Shahan Momjian, HUG, neurosurgery

Exploration of olfaction

Nadia Bérard & Colette Boëx, HUG, neurosurgery

12:05-13:15 lunch

13:15-15:20 afternoon session

The sound of salience: how roughness enhances aversion through neural synchronisation

Luc Arnal, UNIGE, neuroscience

Reinstatement of emotional associations during human sleep: an intracranial EEG study

Guillaume Legendre, UNIGE, neuroscience

Emotional processing in the amygdala

Judith Dominguez-Borras and Raphaël Guex, UNIGE, neuroscience

Human voice and emotion processing through intracranial recordings

Damien Benis & Leonardo Ceravolo, UNIGE, psychology

Neural responses to heartbeats in the insular reflect bodily self-consciousness

Hyeongdong Park, EPFL, Brain Mind Institute

15:20-15:45 break

15:45-16:30 KEYNOTE LECTURE

Dr. Olivier David

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Large scale analysis of iEEG responses to low frequency direct electrical stimulation