

Taming the complexity of oscillatory organisation in the hippocampus (and its larger scale networks)

Dr. Demian Battaglia, CNRS and Institute for Systems Neuroscience (INS), Aix-Marseille University, France

A natural history of advanced capitalism

Professor Franck Fischbach, Research Centre for Contemporary and German Philosophy (CREPHAC), University of Strasbourg, France & **Professor Éric Pineault**, Institute of Environmental Science, University of Québec in Montréal (UQAM) Canada

Geometry of Quantum Hall States

Professor Semyon Klevtsov, Institute for Advanced Mathematical Research (IRMA), University of Strasbourg and CNRS, France

Taking the right to healthy food seriously: a European perspective

Professor Élisabeth Lambert, Societies, Actors and Government in Europe (SAGE), University of Strasbourg and CNRS, France

Oxygen-dependent regulation of Shigella secretion and neutrophil degranulation: impact on the infectious process

Dr. Benoît Marteyn, Institute for Molecular and Cellular Biology (IBMC), RNA Structure and Reactivity (ARN), University of Strasbourg and CNRS, France

Enantioselective synthesis of metal oxides from oxoclusters generated inside chiral self-assembled organic templates

Dr. Pierre Mobian, Complex Matter Chemistry (CMC), University of Strasbourg and CNRS, France

Investigating the role of the circadian clock and the 3dimensional chromatin architecture in the development of hepatitis C virus (HCV)-induced liver disease

Dr. Atish Mukherji, Institute of Viral and Liver Disease (IVH), University of Strasbourg and Inserm, France

Invective poetry, social class, and gender in archaic Greece

Professor Kirk Ormand, Department of Classics, Oberlin College, United States

Guiding charge carriers through chiral assemblies

Dr. Amparo Ruiz Carretero, Charles Sadron Institute (ICS), University of Strasbourg and CNRS, France & **Professor Shu Seki**, Condensed Matter Physical Chemistry, Kyoto University, Japan

2D materialS-based cementitiOus Composites for multifunctional clvil engineering applicatiOns (SOCIO)

Professor Paolo Samorì, Institute of Supramolecular Science and Engineering (ISIS), University of Strasbourg and CNRS, France

Investigation of the impact of adenosine A1 receptor as mediator of the detrimental effects of chronic sleep loss in the development of depression

Dr. Tsvetan Serchov, University Medical Center Freiburg, Germany

Experimental evolution of an organism with devastating impairment of regulatory networks

Dr. Alexandre Smirnov, Molecular Genetics, Genomics and Microbiology (GMGM), University of Strasbourg and CNRS, France

The making of the European social jurisprudence

Professor Petros Stangos, Faculty of Law, Aristotle University of Thessaloniki, Greece

CNRS: French National Centre for Scientific Research **Inserm**: French National Institute of Health and Medical Research

www.usias.fr/en/fellows/