

## ***Neuroscience Day***

### **Program**

10:00-10:30 Registration and Coffee

10:30-10:40 **Welcome and introduction**

**Panos Bamidis**, Aristotle University of Thessaloniki, Principal Investigator, AUTH team, STHENOS research project

10:40-11:30 **Current and emerging potential for magnetoencephalography in clinical practice and neuroscience research**

**Christos Papadelis**, PhD, Harvard Medical School, Boston Children's Hospital, Boston, USA

11:30-12:00 **Theory and Applications of Inverse Modelling, Beamformers and Virtual Electrodes**

**Mark Hymers**, PhD, The York Neuroimaging Centre, University of York, UK

12:00-12:30 **Directional connectivity estimation in MEG with application to visual word recognition**

**Andrew Quinn**, MSc, The York Neuroimaging Centre, University of York, UK

12:30-13:00 **Audiovisual integration: Cortical plasticity effects induced by short and long term musical training**

**Evangelos Paraskevopoulos**, Institute for Biomagnetism and Biosignalanalysis, University of Münster, Germany

13:00-13:30 Open Discussion-closing