



Wednesday AM

WedAM-1 Brain-machine interface

Chair: Bao-Liang Lu, Kazushi Ikeda

Room: International Conference Hall I

10:40 - 11:00 Emotion Recognition Using Multimodal Deep Learning
Wei Liu¹, Wei-Long Zheng¹, Bao-Liang Lu¹
¹Shanghai Jiao Tong University

11:00 - 11:20 Continuous Vigilance Estimation using LSTM Neural Networks
Nan Zhang¹, Wei-Long Zheng¹, Wei Liu¹, Bao-Liang Lu¹
¹Shanghai Jiao Tong University

11:20 - 11:40 Motor Priming as a Brain-computer Interface
Tom Stewart¹, Kiyoshi Hoshino¹, Andrzej Cichocki², Tomasz Rutkowski³
¹University of Tsukuba ²RIKEN Brain Science Institute
³The University of Tokyo

11:40 - 12:00 Discriminating Object from Non-Object Perception in a Visual Search Task by Joint Analysis of Neural and Eyetracking Data
Andrea Finke¹, Helge Ritter¹
¹Bielefeld University

12:00 - 12:20 Assessing the Properties of Single-Trial Fixation-Related Potentials in a Complex Choice Task
Dennis Wobrock¹, Andrea Finke²
¹CITEC Bielefeld ²Bielefeld University
