

May 23, 2018

Session IV

ELECTRONICS & PHOTONICS MEASUREMENT TECHNOLOGY PHYSICAL ENGINEERING

Chair: doc. Ing. Elemír Ušák, PhD.

09:00 - 11:00

1. Convex Method for Selection of Fixed Effects in High-dimensional Linear Mixed Models

Jozef Jakubík (Institute of Measurement Science, Slovak Academy of Sciences)

2. Changes in Sleep Electroencephalogram in Patients Following an Ischemic Stroke

Zuzana Rošťáková and Roman Rosipal (Institute of Measurement Science, Slovak Academy of Sciences)

3. 3D Electrothermal Device/Circuit Simulation of Multifinger Power HEMTs

Ľuboš Černaj (UEF)

4. Towards a Functionalized MoS₂ Nanoplatfom Design for Antibody Mediated Cancer Therapy

Anna Kalosi, Monika Benkovicova, Michal Bodik, Adriana Annusova, Matej Jergel, Peter Siffalovic and Eva Majkova (Inst. of Physics, Slovak Academy of Sciences)

5. Electromagnetic Properties of Ferrites Substituted by Rare-earth Ions

Eva Branická (UEF)