

**May 24, 2017**

## **Session IV**

# **ELECTRICAL ENGINEERING**

**Chair: doc. Ing. Vladimír Jančárik, PhD.**

**09:00 - 11:00**

### **Effect of Growth Temperature on the Structural, Optical and Electrical Properties of the InAlN/GaN Heterostructure Grown on C-sapphire by MOCVD**

Perna Chauhan, Stanislav Hasenöhrl, Edmund Dobročka, Roman Stoklas, Adriana Czímerová and Ján Kuzmík (ÚE)

### **3-elements printed Yagi-Uda antenna - design, technical implementation and testing**

Ferdinand Vavřík (ÚE)

### **Discrimination of Temperature Influence Using Birefringent FBG Based on OFDR**

Norbert Kaplan (ÚE)

### **Magnetic Properties of Thermally Treated Ring-shaped Steel Samples**

Daniel Vašut, Elemír Ušák, Mariana Ušáková (ÚE)

### **Effects of Cerium Ions on Some Properties of Nickel-Zinc Ferrite**

Eva Branická, Mariana Ušáková, Elemír Ušák (ÚE)