ELITECH '15

Session 1:

APPLIED INFORMATICS

Chairman: doc. Ing. Ivan Sekaj, PhD.

9:00 - 11:00

1. **SALIENCY MAP DETECTION IN VARIOUS APPLICATIONS**
   Júlia Kučerová

2. **INTRUSION DETECTION BY MEANS OF ARTIFICIAL INTELLIGENCE**
   Michal Augustín

3. **AN AGENT-BASED HYBRID INTELLIGENT SYSTEM FOR IOT APPLICATIONS USING A MICROCONTROLLER**
   Ján Maťo

4. **PROPOSAL OF WELD DIAGNOSTIC AND EVALUATION METHOD**
   Oto Haffner, Štefan Kozák

10:00 – 10:15   Coffee Break

5. **MODELLING OF STORAGE / MANUFACTURING SYSTEMS USING COLOURED PETRI NETS**
   Erik Kučera

6. **ASPECT-ORIENTED SOLUTION FOR MUTUAL EXCLUSION IN EMBEDDED SYSTEMS**
   Alojz Gomola

7. **GENETIC LOCALIZATION OF SEMANTIC PROTOTYPES FOR MULTICLASS RETRIEVAL OF DOCUMENTS**
   Daniel Devatman Hromada