

May 29, 2019

Session I

MECHATRONIC SYSTEMS

Chair: doc. Ing. Peter Drahoš, PhD.

09:00 - 11:00

1. Theoretical proposal of diagnostic and educational tool using digital twin and augmented reality

Zuzana Képešiová (ÚAMT)

2. Embedded OPC Unified Architecture software connects your device with Industry 4.0

Rudolf Pribiš (ÚAMT)

3. OPC UA and cloud Microsoft Azure

Lukáš Beňo (ÚAMT)

4. Proposal of mechatronic devices control using Mixed Reality

Erich Stark, Erik Kučera, Peter Drahoš and Oto Haffner (ÚAMT)

5. Usage of Progressive Methods of 3D Rendering and Virtual Reality for Workplace Ergonomics Evaluation

Roman Leskovský, Erik Kučera, Oto Haffner (ÚAMT)

6. Virtual experiment visualization using holographic device

Jakub Matišák (ÚAMT)

7. Intelligent industrial gateway for educational purposes

Michal Kostoláni and Justín Murín (ÚAMT)