

May 27, 2020

Session I

MECHATRONIC SYSTEMS I.

Committee: Ing. Pavol Bisták, PhD. – chair

Ing. Ján Cigánek, PhD.

Ing. Matej Rábek, PhD.

09:00 - 11:00

- 1. Communication Platform based on OPC UA
Aggregating Server**
Rudolf Pribiš and Lukáš Beňo
- 2. Control and Monitoring of Devices Connected to IoT Network
Using Augmented / Mixed Reality Developed by Unity**
Szabina Bucsaí, Erik Kucera, Oto Haffner and Peter Drahoš
- 3. Proposal of Digital Twin Platform Based on 3D Engine and
IIoT Principles Using Virtual / Augmented / Mixed Reality**
Roman Leskovský, Erik Kučera, Oto Haffner and Danica Rosinová
- 4. Voice Controlled DC Motor using IoT Edge Connected to the
Azure Cloud**
Lukáš Beňo and Rudolf Pribiš
- 5. Smart Factory in Industry 4.0**
Zuzana Képešiová and Štefan Kozák

Announcement of Award Winning Papers