



## CURRICULUM VITAE

### Date personale:

**Nume, Prenume:** Kiss Istvan

**Titlu academic:** Sef lucrări dr. ing.

**Departament:** Inginerie electrică și Tehnologia Informației

**E-mail instituțional:** istvan.kiss@umfst.ro

### Domenii de interes (maximum 5 domenii, direcții):

Cyber physical systems

Anomaly detection

Sensor networks

Process control

Internet of Things

### Activitate de cercetare:

#### 1. Proiecte de cercetare (maximum 3 proiecte)

**2014-2018:** Proiect de cercetare FP7 Marie Curie CIG intitulat “SERENITI: Cyber security and resilience of networked critical infrastructures”, PCIG14-GA-2013-631128 – **MEMBRU**.

#### 2. Lucrări publicate in extenso (maximum 5 lucrări)

- B. Genge, P. Haller, **I. Kiss**, A Framework for Designing Resilient Intrusion Detection Systems for Critical Infrastructures, *International Journal of Critical Infrastructure Protection*, Elsevier, vol. 15, pp. 3-11, 2016.
- B. Genge, P. Haller, **I. Kiss**, Cyber Security-Aware Network Design of Industrial Control Systems, *IEEE Systems Journal*, *IEEE Systems Council*, Vol. 11(3), pp. 1373 – 1384, 2017. DOI: 10.1109/JSYST.2015.2462715.
- B. Genge, **I. Kiss**, and P. Haller, A system dynamics approach for assessing the impact of cyber attacks on critical infrastructures, *International Journal of Critical Infrastructure Protection*, Elsevier, Vol. 10,



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pp 3-17, 2015, DOI: 10.1016/j.ijcip.2015.04.001. (rated as top 5 paper at Ninth IFIP WG 11.10 Int'l Conf. on Critical Infrastructure Protection, SRI, Arlington, Washington DC, USA, 2015)

- **I. Kiss**, B. Genge, P. Haller, A Framework for Testing Stealthy Attacks in Energy Grids, IEEE 11th International Conference on Intelligent Computer Communication and Processing, September 3-5, Cluj-Napoca, Romania, 2015, pp. 553-560. doi: 10.1109/ICCP.2015.7312718.
- **I. Kiss**, B. Genge, P. Haller, A Clustering-based Approach to Detect Cyber Attacks in Process Control Systems, INDIN 2015 IEEE International Conference on Industrial Informatics, 22-24 July 2015, Cambridge, UK, pp. 142-148. - **Best Paper Award and 2016 IEEE IES Best Conference Paper Award.**