



## CURRICULUM VITAE

### Date personale:

**Nume, Prenume:** **Duka Adrian-Vasile**

**Titlu academic:** Șef lucr. dr. ing.

**Departament:** Inginerie Electrică și Tehnologia Informației

**E-mail instituțional:** [adrian.duka@umfst.ro](mailto:adrian.duka@umfst.ro)

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

Automatizarea proceselor, Control, Industrie 4.0

### Activitate de cercetare:

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

Protejarea comunicațiilor în sistemele de transport a gazelor naturale (PROTECT-G)

DIAS – Diagnostic Anti-tampering Systems (Project Horizon 2020, Grant Agreement No. 814951)

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

Duka, AV. (2023). Software Implementation and Benchmarking of TinyJAMBU on Programmable Logic Controllers. In: Moldovan, L., Gligor, A. (eds) The 16th International Conference Interdisciplinarity in Engineering. Inter-Eng 2022. Lecture Notes in Networks and Systems, vol 605. Springer, Cham. [https://doi.org/10.1007/978-3-031-22375-4\\_73](https://doi.org/10.1007/978-3-031-22375-4_73)



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Roman A-S, Genge B, Duka A-V, Haller P. Privacy-Preserving Tampering Detection in Automotive Systems. *Electronics*. 2021; 10(24):3161.

<https://doi.org/10.3390/electronics10243161>

Piroska Haller, Béla Genge, Adrian-Vasile Duka, On the practical integration of anomaly detection techniques in industrial control applications, *International Journal of Critical Infrastructure Protection*, Volume 24, 2019, Pages 48-68, ISSN 1874-482,

<https://doi.org/10.1016/j.ijcip.2018.10.008>.

Haller, P., Genge, B., Duka, AV. (2019). Engineering Edge Security in Industrial Control Systems. In: Gritzalis, D., Theocharidou, M., Stergiopoulos, G. (eds) *Critical Infrastructure Security and Resilience. Advanced Sciences and Technologies for Security Applications*. Springer, Cham. [https://doi.org/10.1007/978-3-030-00024-0\\_10](https://doi.org/10.1007/978-3-030-00024-0_10)

A. -V. Duka, B. Genge and P. Haller, "Enabling authenticated data exchanges in industrial control systems," *2018 6th International Symposium on Digital Forensic and Security (ISDFS)*, Antalya, Turkey, 2018, pp. 1-5, doi: 10.1109/ISDFS.2018.8355337.