



CURRICULUM VITAE

Date personale:

Nume, Prenume: Gligor, Adrian

Titlu academic: Conferențiar universitar doctor inginer

Departament: Inginerie Electrică și Tehnologia Informației

E-mail instituțional: adrian.gligor@umfst.ro

Domenii de interes (maximum 5 domenii, direcții):

Metode de optimizare și control optimal, Sisteme inteligente și tehnici de control avansat, Modelare și simulare numerică, Sisteme de timp real și control discret.

Activitate de cercetare:

1. Proiecte de cercetare (maximum 3 proiecte)

- Promoting Innovation Excellence in Transformation of Coal Regions to Climate-Neutral, Thriving Economies, HORIZON-WIDERA-2022-ACCESS-04-01 — Excellence Hubs, 101087022 — COALition, <https://cordis.europa.eu/project/id/101087022>; membru echipa UMFST
- Social Network of Machines (SOON) - PNCDI III, ERA-NET COFUND-CHIST-ERA-SOON, 2019-2022, <https://www.chistera.eu/projects/soon>; <https://soon.umfst.ro/>; responsabil științific;
- Joint Cyber Workforce Development Initiative to Enable The European Industry to Overcome the Shortage of Cybersecurity Professionals - ENCRYPT 4.0, Ref. 2020-1-RO01-KA202-079983, 2021-2023, <https://encrypt40.eu/>; manager proiect.



2. Lucrări publicate in extenso (maximum 5 lucrări)

- Dumitru, C. D., **Gligor, A.**, Vlasa, I., Simo, A., & Dzitac, S. (2023). Energy Contour Forecasting Optimization with Smart Metering in Distribution Power Networks. *Sensors*, 23(3), 1490.
- **Gligor, A.**, Vlasa, I., Dumitru, C. D., Saimac, E., & Munteanu, C. (2021, June). New Approach using Optimization Method in Forecasting of the Own Technical Consumption in Distribution Power Grids. In 2021 9th International Conference on Modern Power Systems (MPS) (pp. 1-7). IEEE.
- Moldovan, F., **Gligor, A.**, & Bataga, T. (2021). Structured integration and alignment algorithm: a tool for personalized surgical treatment of tibial plateau fractures. *Journal of Personalized Medicine*, 11(3), 190.
- Vlasa, I., **Gligor, A.**, Dumitru, C. D., & Iantovics, L. B. (2020). Smart metering systems optimization for non-technical losses reduction and consumption recording operation improvement in electricity sector. *Sensors*, 20(10), 2947.
- Moldovan, L., **Gligor, A.**, Grif, H. S., & Moldovan, F. (2019, January). Dynamic numerical simulation of the 6-PGK parallel robot manipulator. In *Proc. Rom. Acad. Ser. A* (Vol. 20, No. 1, pp. 67-75).