



CURRICULUM VITAE

Date personale:

Nume, Prenume: **Enăchescu Călin**

Titlu academic: **Profesor universitar**

Departament: **Departamentul de Inginerie Electrică și Tehnologia Informației**

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Domenii de interes (maximum 5 domenii, direcții):

- **Inteligența artificială**
- **Învățare automată**
- **Calcul neuronal**
- **Structuri de date**

Activitate de cercetare:

1. Proiecte de cercetare (maximum 3 proiecte)

1. *Neural networks*. Research Project Nr. 1501, "Community's Action for Cooperation in Science and Technology with Central and Eastern European Countries". Research



- grant: Catholic University of Nijmegen and Dutch Neural Networks Foundation, Olanda, Finanțat de Comisia Europeană, 20 000 EUR; Director;
2. *AETC – Advanced Education Technology Center*. Partners: “Petru Maior” Univ. of Târgu-Mureș, National University of Athena, National University of Ireland Galway, Technical Univ. of Cluj-Napoca, “Babeș-Bolyai” University of Cluj-Napoca, TEMPUS SJEP–12518, 1998-2001, Finanțat de Comisia Europeană, 179 400 EUR; General Contractor;
 3. *ROCOCO – Romanian Colleges in Computer Science and Engineering*. Partners: Free University. of Amsterdam, University of Exeter, Technical Univ. of Cluj-Napoca, “Lucian Blaga” Univ. of Sibiu, Technical Univ. of Timisoara, “Petru Maior” Univ. of Târgu-Mureș, TEMPUS SJEP–11248, 1998-2001, Finanțat de Comisia Europeană, 220 000 EUR; Coordonator;
 4. *ESITEC – Euro Standards in Information Technology Curricula*. Partners: Catholic University of Leuven, University of Marseille, Technical Univ. of Cluj-Napoca, “Lucian Blaga” Univ. of Sibiu, Technical Univ. of Timisoara, National University of Athens, “Petru Maior” Univ. of Târgu-Mureș, TEMPUS SJEP–11248, 1998-2001, Finanțat de Comisia Europeană, 200 000 EUR; Coordonator;

2. Lucrări publicate in extenso (maximum 5 lucrări)

1. Iantovics, L.B., **Enăchescu C.**, Method for Data Quality Assessment of Synthetic Industrial Data. *Sensors* 2022, 22(4), 1608. <https://doi.org/10.3390/s22041608>, ISSN: 1424-8220, pp. 1-21, IF: 3.576, 2022. (Cat A, pag. 244, poz. 14 articole rosii).
2. Genge B., Haller P., **Enăchescu C.**, Anomaly Detection in Aging Industrial Internet of Things, *Journal: IEEE Access*, Issue Date: DECEMBER 2019, Volume: 7, Issue:1, Page(s): 74217-74230, Print ISSN: 2169-3536, Online ISSN: 2169-3536, DOI: 10.1109/ACCESS.2019.2920699, 2019, Publisher IEEE, 2019. (Cat A, pag. 142, poz. 24 articole rosii).
3. Genge B., Haller P., Dumitru C., **Enăchescu C.**, *Designing Optimal and Resilient Intrusion Detection Architectures for Smart Grids*, *IEEE Transactions on Smart Grid*, Volume 8, Number 5, Pages: 2440-2551, ISSN: 1949-3053, September 2017. (Cat A*, pag. 16, poz. 10 din 63 articole rosii).
4. **Enăchescu C.**, *Neural Networks and the approximation theory*, *Procedia Technology*, DOI 10.1016 / J.protcy.2013.12.478, pp. 220-228, Elsevier, ISSN: 2212 – 0173, 2013. (**ISI Conference Proceedings Citation Index**).
5. **Enăchescu C.**, Sándor H., Genge B., A Multi-Model-based Approach to Detect Cyber Stealth Attacks in Industrial Internet of Things, 2019 International Conference on Software, Telecommunications and Computer Networks - (SoftCOM), DOI: 10.23919/SOFTCOM.2019.8903645, ISSN: 1847-358X, pp. 1-6, Publisher: IEEE, 21 Nov 2019. (Cat B, poz. 381 articole galbene).