


PERSONAL INFORMATION

	Cosmin Darab
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WORK EXPERIENCE

2017-pres.	Lecturer - Technical University of Cluj-Napoca, Faculty of Electrical Engineering, Department of Electric Power Systems
	Courses: Electrotechnical Materials, Vehicle's Electric System. Laboratories: Introduction in Electrical Engineering, Computer Aided Design, Electrotechnical Materials, Vehicle's Electric System.
2016-2017	Assistant Professor - Technical University of Cluj-Napoca, Faculty of Electrical Engineering
	Laboratories: Introduction in Electrical Engineering, Computer Aided Design, Electrotechnical Materials.
2013-2016	General Manager - SC Formet Impex SRL, B-dul Muncii Nr.18, Cluj-Napoca, Romania
	Managerial Activities; Field of work: Industrial Automation
2008-2013	General Manager - SC Alcraft SRL, Str. Sesului, Nr.17, Cluj-Napoca, Romania
	Managerial Activities; Field of work: Industrial Automation

EDUCATION

2010 - 2013	PhD in System Engineering - Technical University of Cluj-Napoca
	<i>Research activities in industrial automation</i>
2009 - 2010	Master in Business Administration - Babes Bolyai University, Romania
	Competences: Business administration, project management techniques
2004 - 2009	Bachelor in Automation - Technical University of Cluj-Napoca
	Faculty of Computer Science and Automation

RESEARCH WORK/PROJECTS

2012 - pres.	<p>Project Manager - 2 mobility research grants obtained by national competitions, 1 institutional grant obtained by competition.</p> <p>Project Member - 2 international Horizon 2020 research grants; - 4 national research grants obtained through competition.</p>
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RESEARCH WORK/PAPERS

➤ 2-	Scientific books published in national publishing houses with prestige (1 first author)
• 1	Book chapter published in an international publishing house
➤ 30	Scientific papers published:
• 18	ISI Thomson Journals (4), ISI Thomson Proceedings (14)
• 12	indexed in international data bases - IEEExplore, Scopus, Google Scholar
• 1	presented at not indexed national/international conferences

ORGANISATIONAL SKILLS

2016-pres.	Reviewer at <i>International Journals</i> (International Journal of Numerical Modelling: Electronic Networks, Devices and Fields, Springer).
2014-pres.	Member of <i>IEEE, EnergyCPD</i> .

RESEARCH STAGES

2017	University of Technology of Belfort-Montbéliard (UTBM) - Research Institute FEMTO-ST (UMR CNRS)
2018	Energy - Galileo Master Certificate (GMC)

LANGUAGE SKILLS

Mother tongue(s) Other language(s)	Romanian				
	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	B1	C1
German	A2	A2	A2	A2	A2

Levels: A1/2: Basic user - B1/2: Independent user - C1/2: Proficient user
Common European Framework of Reference for Languages

COMMUNICATION SKILLS

Good communication skills gained through:

- teaching experience (advisor of undergraduate projects / dissertations (min. 3/year)
- advisor of students on Student Symposium (min. 3/year)
- attended at more than 10 international conferences
- research experience (team work in the frame of research projects – manager or member of the research group)
- research stages at foreign universities.

COMPUTER SKILLS

Specialized Software Packages:

- Autocad, Matlab, Python, C++, Visual C, Pascal

OTHER SKILLS

- Driver license B-category, Soccer player (junior – local team), Volleyball player (1991- 1994), Diver, Boat license – marine.

November, 2024

Cosmin Darab