

PERSONAL INFORMATION

# Lia Elena ACIU



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Sex F. | Nationality Romanian

WORK EXPERIENCE

2006–Present	Associate professor Transilvania University of Braşov, Department of Electrical Engineering and Applied Physics	Braşov (Romania)
2001 -2006	Assistant professor/ Head of scientificworks Transilvania University of Braşov, Department of Electrical Engineering and Applied Physics	Braşov (Romania)
2000 -2001	Assistant professor Transilvania University of Braşov, Department of Electrical Engineering and Applied Physics	Braşov (Romania)
2000 -2001	Project engineer SC. Electroprecizia Săcele, Braşov	Braşov (Romania)

EDUCATION AND TRAINING

2005	Doctor of Philosophy in Electrical Engineering Transilvania University of Braşov	Braşov (Romania)
1982–1987	Bachelor in Electrotechnical Engineering Transilvania" University of Braşov	Braşov (Romania)

PERSONAL SKILLS

Mother tongue Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
French	B1	B1	B1	B1	B1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user Common European Framework of Reference for Languages

Computer Networks: CCNA1 Networking Basics and CCNA2 Routing Basics

### Communication skills

Teamwork, the ability to provide effective feedback, honesty in communication, promoting authentic values, communication skills acquired through experience in teaching and working in research teams, collegial collaboration for the fulfillment of service tasks, working with students within projects diploma and dissertation

### Organizational / managerial skills

Ability to make documented and quick decisions, good organizer, integrative vision, multitasking thinking, good planning skills, creative thinking, decision-making transparency, management of collaborative type, competences resulting from occupying the following positions:

- Director of the Electrical Engineering and Applied Physics department from 2018 to the present;
- Deputy head of the Electrical engineering department during 2005-2008;
- Deputy director of the Electrical Engineering and Applied Physics department during 2012-2016;
- Member of the Department Council from 2012 until now;
- CEAC-U member from 2008-2016;
- Quality Assurance Office coordinator from 2015-2017;
- Member of the Senate of Transilvania Braşov University in the period 2012-2016;
- Member of the Council of the Faculty of Electrical Engineering and Computer Science from 2016 to present;
- ARACIS assessor in the Commission of Engineering Sciences II - Electrical Engineering from 2011 until now

### Job-related skills

Responsible, attention to details, ability to work under pressure, adaptability and flexibility, skills resulting from the fulfillment of the following duties:

- Electrical and Computer Engineering study program coordinator (English) from 2013 until present;
- Coordinator of the Electromagnetic Compatibility discipline and Electrotechnics discipline for non-specialists from 2008 to the present;
- Laboratory manager N III 3 from 2010 until now;
- responsible for implementing the Managerial Control System of the Electrical Engineering department and Applied Physics in the period 2011-2015.

## ADDITIONAL INFORMATION

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### Publications

- 10 specialized books and 7 didactic manuals, 10 of which as first author
- 48 scientific articles out of which 26 are indexed by ISI, published in magazines and in prestigious scientific events.

### Projects

- Project type PN 2 PED 62/2016: "Protection system for the security of the use of electricity in smart cities" - member
- Project type POSDRU/160/2.1/S/133020 , 2014: "Increasing the integration capacity on the labor market of students and graduates through counseling and practical placements" - member
- Project type: MEN Scientific demonstrations 14M/2014 – OPTIM International Conference 2014 – Project manager
- Project type: POSDRU 60/2.1/S/17788, 2010: "Modern practice strategies in the field of electrical engineer - member
- Project type: ERASPUS with the title ESTIA-EARTH - Lifelong Learning Erasmus Network, 142418-LLP-1 2008-1-GR-ERASMUS-ENW – member
- Contract with third parties 14970/2009 - "Monitoring and improvement of performance

indicators of low voltage distribution networks" – Co - director

- Project type CNCSIS 409/2006: "Study of the shielding properties of materials obtained through nanotechnologies and nanoprocesses in order to integrate them into electrical and electronic systems to improve the quality of the environment" - Co-director
- Project type CEEX 215/2006 "MAGME - Magnetic materials with superior performance used in the construction of electric machines" - member
- Project type: Leonardo type project RO/95008/2005, Training the students for Promoting and Implementing Energy Efficiency in Industry – project director
- Leonardo Pilot project, RO/04/B/F/PP – 175016, 2005 “COMPLETE – New Strategies of COMPetence Acquisition for Lifelong Learning in Energy - Transport - Environment Engineering" - member
- Project type CNCSIS no. 4133/2001 "Improving the properties of materials and components which intervene in electromagnetic compatibility" - member

#### Conferences

- Organizer of OPTIM International Conferences, Braşov/ Romania in 2004, 2006, 2008, 2010, 2012, 2014 and OPTIM-ACEMP 2017, 2021.
- Organizer of the International Conference SIITME 2008, Predeal, Romania
- Organizer of the International Conference PEMC 2022, Braşov, Romania.
- Organizer of the Workshop on Romanian Regulations harmonized with European Directives in the regulated fields of Low Voltage and Electromagnetic Compatibility, Braşov, 2004

#### Honours and awards

- Bronze medal at the International Invention Salon, Geneva- Switzerland (April 2013) for "Interrupteur electronique".

#### Affiliations

- International Association of Engineers (IAENG)
- Romanian Association of Electromagnetic Compatibility (Asociația de Compatibilitate Electromagnetică din România - ACER).

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