



TECHNICAL UNIVERSITY OF
CLUJ-NAPOCA

Faculty of Electrical
Engineering
*Electrotechnics and
Measurements Department*

CURRICULUM VITAE

Personal data

Name, Surname	MUNTEANU CĂLIN
Address (services)	26-28 BARIȚIU STREET, A15 HALL, CLUJ - NAPOCA, ROMANIA
Phone (service)	0264 401 244
Email	Calin.Munteanu@ethm.utcluj.ro
Nationality	Romanian

Professional experience

Date	Starting with February 1991 the following teaching degrees:
Function	Preparer (1991), Assistant (1993), Head of Works (1995), Associate Professor (2000), Professor (2003)
Main activities	<ul style="list-style-type: none">✚ Education and research in the field of Electrical Engineering (since 1991)✚ Erasmus Program Coordinator of the Faculty of Electrical Engineering (2000 – 2012)✚ Director of the Electromagnetic Compatibility Laboratory (since 2004)✚ PhD supervisor (since 2004)✚ Member of the Council of the Faculty of Electrical Engineering (since 2004)✚ Member of the Research Council of the Technical University of Cluj-Napoca (2008 – 2012)✚ Member of the Council for Doctoral Studies of UTCN (2011 – 2014)✚ Member of the Electrical Engineering Commission within the National Council for the Attestation of University Titles, Diplomas and Certificates – CNATDCU (since 2011)✚ Director of the Electrotechnical and Measurement Department 2012 – 2024;✚ Member of the Board of the Council of the Doctoral School of the Faculty of Electrical Engineering (since 2014)✚ Member of the Energy Commission of the Romanian Academy (since 2015)✚ Director of the Research Center for Numerical Modeling and Electromagnetic Compatibility – NUMELEC (starting with 2020)✚ President of the Electrical Engineering Commission within the National Council for the Attestation of University Titles, Diplomas and Certificates – CNATDCU (2020 – present).✚ Vice-President of the Association for Electromagnetic Compatibility in Romania - ACER (starting with 2024)
Employer's name and address	Department of Electrical Engineering and Measurement (ETHM), Faculty of Electrical Engineering, Technical University of Cluj-Napoca, 28 Memorandumului Street, Cluj-Napoca, Romania
Other professional activities	
Date	September 1989 – February 1991
Function	Trainee Engineer
Main activities	Production
Employer's name and address	Geological Prospecting and Exploitation Enterprise – IPEG Baia-Mare, Alba county. Maramureș, Romania

Studies

Date	March 2014
Title obtained	Project Manager, COR Code 242101
Field of study	Management
Name of the institution where the traineeship was carried out	Smart Projects Association, Bucharest, RNFFPA 40/3987/2011
Date	August 2013
Title obtained	Trainer, COR code 242401
Field of study	Education
Name of the institution where the traineeship was carried out	SC QCERT SRL Suceava, RNFFPA 33/01/2010
Date	1992 – 1999
Title obtained	PhD in Technology, specialization in Electrical Engineering
Field of study	Ph.D. thesis entitled: <i>Contributions to the implementation of the frontier elements method in numerical modeling of electromagnetic and thermal problems</i> , scientific supervisor Prof.dr.ing. Emil SIMION
Name of the institution where the traineeship was carried out	Technical University of Cluj-Napoca, Romania
Date	1984 – 1989
Title obtained	Engineer
Field of study	Electrical Engineering / Electrical Engineering, Electrical Drives specialization
Name of the institution where the traineeship was carried out	Technical University of Cluj-Napoca (formerly Polytechnic Institute of Cluj-Napoca), Romania
Date	1979 – 1983
Title obtained	Baccalaureate
Field of study	Mathematics-Physics
Name of the institution where the traineeship was carried out	"Gheorghe Șincai" National College, Baia-Mare, Romania

TEACHING ACTIVITY

PROFESSIONAL EXPERIENCE	COURSE HOLDER	STUDY PROGRAM	YEAR
	Electromagnetic field theory	Electrical Engineering, Energy Engineering, Medical Engineering, Economics in the Electrical, Electronic and Energy Fields	II
	Electromagnetic waves	Electrical Engineering, Energy Engineering, Medical Engineering, Economics in the Electrical, Electronic and Energy Fields	II
BOOKS/CHAPTERS, TEACHING SUPPORT, LABORATORY GUIDES	20 of which 3 in international publishing house		

SCIENTIFIC ACTIVITY

SCIENTIFIC PAPERS	130 WOS indexed papers, 47 BDI indexed papers
NUMBER OF RESEARCH CONTRACTS (DIRECTOR / TEAM MEMBER)	46, of which: 1 director / UTCN international contract manager 4 director / responsible for UTCN national contracts 9 member of the international contracts team 11 member of the national contracts team 19 director of contracts with the industrial environment 2 member of the industrial contracts team
CITATIONS (EXCLUSIVE SELF-CITATIONS) WOS	59
REVIEWER	135 WOS items, 51 BDI items

Other studies and internships

Date	1995 – 2004
Field of study	Teaching
Name and type of institution where the traineeship was carried out	12 internships at the University of Ghent, Belgium
Date	2000
Field of study	Teaching
Name and type of institution where the traineeship was carried out	Internship at USTL University in Lille, France
Date	1999
Field of study	Teaching
Name and type of institution where the traineeship was carried out	Internship at the University of the Balearic Islands in Palma de Mallorca, Spain
Date	1999
Field of study	Teaching
Name and type of institution where the traineeship was carried out	internship at the University of Odense, Denmark

Professional competence

Areas of competence	Electromagnetic Field Theory, Electromagnetic Waves, Electromagnetic Compatibility, Numerical Modeling of the Electromagnetic Field, Optimal Design of Electromagnetic Devices, Theory of Electrical Circuits, Numerical Modeling of Electrical Circuits
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Other relevant activities

- 🏆 Prize of the Romanian Academy "Gheorghe Cărtianu" (2000) for the monograph "*Optimal Design of the Electromagnetic Devices using Numerical Techniques*", VUBPRESS Brussels, ISBN 90-5487-288-8.
- 🏆 12 Doctoral Theses completed as a scientific supervisor in the field of Electrical Engineering
- 🏆 Chairman at 10 editions of the Modern Power Systems International Conference – MPS, Cluj-Napoca, Romania (indexed IEEE Xplore respectively WOS), www.et.utcluj.ro/mps (2006 – 2023)
- 🏆 Member of the Organizing Committee of the International Workshop on Advances in Numerical Computation Methods in Electromagnetism - ANCME, Ghent (2003), Brussels (2005), Belgium.
- 🏆 Official Reviewer in 2 International Doctoral Thesis Public Defense Committees (VUB Brussels, Belgium)
- 🏆 Official reviewer in 84 national Doctoral Thesis Public Defense Commissions
- 🏆 Member of 28 Habilitation Commissions in Electrical and Energy Engineering at national level
- 🏆 20-year IEEE member of the IEEE EMC Chapter
- 🏆 Member of councils / organizations in the field of international research: CIGRE Paris: Study Committee C4, WG C4.28, AG C4.2, AG C4.3
- 🏆 Director of the C4 Study Committee within the Romanian National Committee of CIGRE 2018 - 2022
- 🏆 Representative of UTCN within CNR-CME (World Energy Council)
- 🏆 Representative of UTCN within the ETREC cluster

Known foreign languages

Mother tongue(s)	Roman				
Other Known Foreign Languages	THE CHOICE		SPEECH		WRITING
	Obedience	Read	Join the conversation	Oral Discourse	
English	C1	C1	C1	C1	C1
French	A2I	B1	B1	A2	A2

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