



## Europass Curriculum Vitae



### Personal information

Surname / First name	<b>ENACHE, Sorin</b>
Address	Bd. Decebal, 107, Craiova, România
Phone	0251435724
E-mail	<a href="mailto:senache@em.ucv.ro">senache@em.ucv.ro</a>
Nationality	Romanian
Date of birth	29.04.1966
Gender	M

<b>Working place / Occupational field</b>	University of Craiova / Faculty of Electrical Engineering
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### Work Experience

Name and address of employer	University of Craiova, A. I. Cuza no. 13, Craiova, Romania
Type of business or sector	Higher education / research (35 years of experience in higher education)
Occupation or position held	Professor

Period	<p>10.2009- present: professor, University of Craiova, Faculty of Electrical Engineering (named, until 2011, Faculty of Engineering in Electromechanics, Environment and Industrial Informatics)</p> <p>10.2004-10.2009: assoc. professor, University of Craiova, Faculty of Electromechanics (turned into Faculty of Engineering in Electromechanics, Environment and Industrial Informatics, in 2008)</p> <p>10.1998-10.2004: lecturer, University of Craiova, Faculty of Electromechanics</p> <p>02.1994-10.1998: assist. professor, University of Craiova, Faculty of Electromechanics</p> <p>10.1990-02.1994: instructor, University of Craiova, Faculty of Electrotechnics</p> <p>08.1990-10.1990: research engineer, Institute of Research for Electrical Machines and Transformers, Craiova</p>
Main activities and responsibilities	<p>International level:</p> <p>2016-2024: Secretary of Sub-committee "Low Frequency in Energy Efficient Technologies, including Electrical Drives" of IEEE EMC Society TC 7 "Technical committee on Low frequency EMC"</p> <p>National level:</p> <p>2018-2020 and from 2024 until present: Member in National Council for Titles, Diplomas and Certificates (CNATDCU), Committee of Electrical Engineering</p> <p>From 2024 until present: Member in Romanian Agency for Quality in Higher Education (ARACIS) – Permanent Committee of Engineering Sciences II</p> <p>From 2023 until present: Member in Experts Committee from National Register of Experts for certifying the research-development activity (Ministry of Education and Research)</p> <p>2017: ARACIS Evaluator</p> <p>From 2007: Auditor, systems of quality management (Certificate MRC-OSC no. 009/2007)</p> <p>2005, 2006: CNC SIS Expert evaluator</p> <p>Locally:</p> <p>2020-2024 and from 2024 until present: President of Ethics Committee of University of Craiova</p> <p>2011-2012: Dean, Faculty of Electrical Engineering, University of Craiova</p> <p>2008-2011: Dean, Faculty of Engineering in Electromechanics, Environment and Industrial Informatics, University of Craiova</p> <p>2004-2008: Vice-dean, Faculty of Electromechanics, University of Craiova</p> <p>2008-2012 and 2016-2020: Member of the University of Craiova Senate</p> <p>2004-2012 and 2013-2020: Member in the Council of Faculty of Electrical Engineering</p> <p>2017-2019 Member in the Council of Department of Electromechanics, Environment and Applied Informatics</p> <p>2017-2021 and from 2025 until present: Member in the Council of Department of PhD in Electrical and Energetic Engineering</p> <p>2017-2020: Member in the Ethics Committee of the University of Craiova</p>

## Education and training

Period	2016: Habilitation in Electrical Engineering (4 PhD confirmed thesis) 1993-2001: Ph.D in Electrical Engineering, University of Craiova, coordinator Professor Aurel Câmpeanu 1985-1990: Faculty of Electronics, University of Craiova (the first one admitted, head of students during the entire period of studies, head of promotion)
Title of qualification awarded	Engineer
Specialization/Section	Electrotechnics / Electrical machines
Name and type of organization providing education and training	University of Craiova, Romania
Level in national or international classification	Higher education
Abroad specializations	Universite Libre de Bruxelles - Belgium, TEMPUS Program, 1993 Ecole Centrale des Artes et Metiers Bruxelles - Belgium, TEMPUS Program, 1994 Universite Jean Monnet, Saint-Etienne - France, 1999, Program developed with World Bank, grant 12834/28.09.1998 Universite Jean Monnet, Saint-Etienne - France, 2002, Program developed with World Bank, grant 12834/28.09.1998 Universite de Dijon – France, 2003, Socrates Program Haute Etude Industrielle Lille – France, 2004, Minerva Program Universite Catolique Louvain la Neuve – Belgium, 2005, Minerva Program Universite Paul-Sabatier Toulouse - France, 2015, Erasmus+ Program
<b>Teaching activity</b>	
Titular of course	Electrical machines, Electrical measuring, Electromagnetic compatibility, Electrical and electronic equipment of motor vehicles, Ethics and academic integrity
Editorial activity	13 books in CNCSIS acknowledged publishing houses (of which 2 in the Romanian Academy Publishing House) 10 other teaching materials (laboratory guides, courses, printed and electronic courses etc.)
International cooperation	1993-1997: Member TEMPUS Program 1998-2002: Member 12834/28.09.1998 Program

**Research activity**

Approximately 300 indexed or unindexed papers – 91 WOS (ISI) (papers cited by authors from 5 continents, the sum of the impact factors of the WOS journals where these papers have been published exceeds the value 14)

Director/head of 8 national grants or research/consulting grants, their total value exceeding 2.000.000 EURO

Member in 2 international research grants and in 34 research/consulting grants

4 proposals of patent

4 prizes awarded for WoS papers (ISI) in journals with impact factor

1 prize for special results obtained in the research activity (2021)

**Personal skills and competences**

Mother language

Romanian

Foreign languages

Self-assessment	Understanding				Speaking				Writing	
European level (*)	Listening		Reading		Spoken interaction		Spoken production		Written expression	
English language	B1	Independent user	B2	Independent user	B2	Independent user	B1	Independent user	B1	Independent user
French language	C1	Experienced user	B2	Independent user	C1	Experienced user	B2	Independent user	B2	Independent user
Russian language	A2	Elementary user	B1	Independent user	A2	Elementary user	A2	Elementary user	B1	Independent user

(\*) Common European Framework of Reference for Languages

Technical competences and skills

Modelling and simulation in electrical machines

Testing in electrical machines

Study of dynamic states in electrical machines

Tests of electromagnetic compatibility of electric equipment

Computer skills and competences

Matlab-Simulink, C++, Turbo Pascal, Visual Basic, AutoCAD, Microsoft Office, Softwares for data acquisition carried out in LabVIEW or PowerTest

Other competences and skills

Tennis (champion in tournament from the series of international tournaments Sportya 2025 – single section, champion in the national tournament Tennis Partener 2019 – double section, vice-champion in the national tournaments Tennis Partener 2016, 2018, 2019 – single and double sections), football (former no. 10, player in division)

Driving license

Cat. B

## Extra information

Membership in professional societies	IEEE member (from 2010 until present)
	IEEE member - Electromagnetic Compatibility Society (from 2015 until present)
	IEEE member - Industry Applications Society (from 2015 until present)
	IEEE member - Industrial Electronics Society (from 2014 until present)
	IEEE member - Young Professionals (2016-2020)
	Member of "Dynamics of electrical machines" group, affiliated to the Romanian Academy of Technical Sciences, subsidiary Craiova (from 2016 until present)
	Member in the General Association of Engineers in Romania (2009-2020)
	Member in the Romanian Association of Electromagnetic Compatibility (until 2016)
	Member in the Romanian Society of Automatics and Technical Informatics (until 2016)

Member in editorial boards or scientific committees of different journals and scientific conferences, organizing person for several scientific events, reviewer for national and international journals and scientific events:	<p><b>WoS (ISI) or IEEE</b></p> <p>Member of the scientific committee of the 8th Int. Conf. on Systems Theory and Scientific Computation (ISTASC'08), 2008, Rhodes, Greece</p> <p>Member of the scientific committee of the Electric Power Systems, High Voltages, Electric Machines Conference (POWER'08), 2008, Venice, Italy</p> <p>Member of the international committee of the 8th International Conference on SIGNAL PROCESSING, COMPUTATIONAL GEOMETRY and ARTIFICIAL VISION (ISCGAV'08), 2008</p> <p>Member of the international committee of the 10th International Conference on SYSTEMS THEORY AND SCIENTIFIC COMPUTATION (ISTASC '10), 2010, Taipei, Taiwan</p> <p>Member of the international committee of the 10th International Conference on SIGNAL PROCESSING, COMPUTATIONAL GEOMETRY and ARTIFICIAL VISION (ISCGAV '10), 2010</p> <p>Member of the international committee of the 8th International Conference on APPLIED INFORMATICS and COMMUNICATIONS (AIC'08), 2008</p> <p>Member of the international committee of the 8th Int. Conf. on Systems Theory and Scientific Computation (ISTASC'09), 2009, Moscow, Russia</p> <p>Member of the international committee of the 9th International Conference on APPLIED INFORMATICS AND COMMUNICATIONS (AIC'09), 2009</p> <p>Member of the international committee of the 10th International Conference on APPLIED INFORMATICS AND COMMUNICATIONS (AIC'10) and 3th International Conference on Biomedical Electronics and Biomedical Informatics (BEBI'10), 2010</p> <p>Track Chair international conference IEEE ICATE 2012 Craiova, session Electrical Machines and Drives II</p> <p>Track Chair international conference IEEE ICATE 2014 Craiova, session Electrical Machines and Drives</p> <p>Member of the Technical Program Committee IEEE ICATE 2016 Craiova</p> <p>Track-chair ATEE 2017 Bucharest, Poster Session #1: ADSP &amp; CIT &amp; EDU &amp; ELAPP &amp; ELCI &amp; ELMAD &amp; ELSP &amp; ELTECH &amp; EMB &amp; EMC &amp; EMGF &amp; IADI &amp; MATHEL &amp; MATHEE &amp; MPHYS &amp; NUMETH</p> <p>Member of the Scientific Committee, SIELMEN 2017 Chisinau, Republic of Moldova</p> <p>Member of the Technical Program Committee, IEEE ICATE 2018 Craiova</p> <p>Member of the Scientific Committee, SIELMEN 2019 Chisinau-Craiova</p> <p>Chair ATEE 2019 Bucharest, Poster Session #1</p> <p>Chair EPE 2020 Iasi - EM 2 (Electrical machines 2)</p> <p>Member of the Scientific Committee, ICATE 2021, Craiova</p> <p>Member of the International Committee, „The first Workshop of the IEEE Power Quality and Electromagnetic Compatibility at Low Frequency (PQEMC-LF) 2023”, Craiova</p> <p>Member of the Technical program Committee, ISEEE Conference, Galati 2023</p> <p>Member of the Program Committee, SIELMEN 2023 Craiova-Chisinau</p> <p>Member of the International Committee, „The first Workshop of the IEEE Power Quality and Electromagnetic Compatibility at Low Frequency (PQEMC-LF)” 2023</p> <p>Member of the Technical Program Committee, ISEEE Conference, Galati 2023</p> <p>Member of the Review Committee, conferinta IEEE ATEE, Bucuresti, 2023</p>
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Session Chair IEEE ATEE, Electrical Machines and Drives (ELMAD), Bucuresti, 2023  
Member of the Technical Program Committee, ICATE 2024 Craiova  
Member of the Program Committee, SIELMEN 2025 Iasi-Chisinau  
Reviewer for several WoS journals and conferences

**National and international non-indexed:**

Conference Chair - SIELMEN 2009, Iasi  
Conference Chair - CNAE 2010, Craiova  
Conference Chair - SIELMEN 2011, Iasi  
Member of the Scientific Committee, SIELMEN 2007, Chisinau, Republic of Moldova  
Member of the Program Committee, CNAE 2012, Suceava  
Chairman - International Conference - SIELMEN 2013, Chisinau, Republic of Moldova, session Metrology  
Member of the National Committee and of the Scientific Committee - CNAE 2014 Conference, Resita  
Member of the Program Committee, SIELMEN 2015, Chisinau, Republic of Moldova  
Member of the Scientific Committee, CIIES 2018, Resita  
Member of the National Committee, CNAE 2018, Iasi  
Member of the National Committee, CNAE 2022, Timisoara  
Reviewer for several national and international conferences

Craiova

29.11.2025

Prof. Sorin ENACHE, Ph.D