



Curriculum vitae Europass



Informații personale

Nume / Prenume **Deaconu , Sorin Ioan**

Address(es)

Telephone(s)

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Nationality **Romanian**

Date of birth

Gender **Male**

Desired employment / Occupational field **PhD Supervisor habilitation in Electrical Engineering at Doctoral School of University Politehnica Timișoara**

Work experience 29 years of which 27.5 in higher education

Period 2000 - present

Occupation or position held Associate Professor, Department of Electrical Engineering and Industrial Informatics

Main activities and responsibilities Teaching, Research, Contractual Assurance, Quality Assurance, Didactical Process, Membership in Bachelor's and Dissertation Commissions, Leading Diploma Projects and Dissertations at the Specializations: Electromechanics, Industrial Informatics, Electrical Engineering and Computers, Advanced Power Systems, Computer Engineering in Electrical Engineering, Road Vehicles. Teaching activity for the following disciplines: Electrical Machines, Electromagnetic Converters, Electric Drives, Static Converters, Electrical Machines and Drives, Advanced Systems of Electrical Machines and Drives, Performant Static Converters. Head of the Department of Electrical Engineering and Industrial Informatics 2008-2012. Head of the Department of Continuing Education 2000 – 2008. Coordinator of Postgraduate Studies Center 2012 – present. Responsible for postgraduate programs (13 accredited programs).

Name and address of employer Politehnica University of Timisoara, Faculty of Engineering Hunedoara, Revolutiei Street, no 5, Hunedoara County, postal code 331128, Romania

Type of business or sector Teaching and research activity

Period 1996 - 2000

Occupation or position held Lecturer, Department of Electromechanics

Main activities and responsibilities Teaching, Research, Contractual Assurance, Quality Assurance, Didactical Process, Membership in Bachelor's and Dissertation Commissions, Leading Diploma Projects and Dissertations at the Specialization Electromechanics Teaching activity for the following disciplines: Electrical Machines, Electric Traction, Electric Drives.

Name and address of employer Politehnica University of Timisoara, Faculty of Engineering Hunedoara, Revolutiei Street, no 5, Hunedoara County, postal code 331128, Romania

Type of business or sector Teaching and research activity

Period 1993 - 1996

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| Occupation or position held | Assistant, Department of Electromechanics |
| Main activities and responsibilities | Teaching, Research, Contractual Assurance. Teaching activity for the following disciplines: Electrical Machines, Electric Traction, Electric Drives. |
| Name and address of employer | Politehnica University of Timisoara, Faculty of Engineering Hunedoara, Revolutiei Street, no 5, Hunedoara County, postal code 331128, Romania |
| Type of business or sector | Teaching and research activity |
| Period | 1994 - present |
| Occupation or position held | Zonal Representative for Project Implementation and Service. |
| Main activities and responsibilities | Application identification, solution proposal, practical implementation, commissioning, warranty service and post-warranty. |
| Name and address of employer | S.C. BEE SPEED Automations Lmtd. Timișoara, 307221, Chișoda, MODUL 3 - INCONTRO 07 |
| Type of business or sector | Design, Production. Electric drives. Industrial automation. |
| Period | October 1991 - 1993 |
| Occupation or position held | Preparator, Department of Electromechanics |
| Main activities and responsibilities | Teaching, Research, Contractual Assurance. Application activities with the students (laboratory, project, seminar) at the disciplines: Electrical Machines, Electrical Measurements, Electric Drives, Industrial Automation. |
| Name and address of employer | Politehnica University of Timisoara, Faculty of Engineering Hunedoara, Revolutiei Street, no 5, Hunedoara County, postal code 331128, Romania |
| Type of business or sector | Teaching and research activity |
| Period | February 1991 – September 1991 |
| Occupation or position held | Preparator, Department of Electric Machines. |
| Main activities and responsibilities | Teaching, Research, Contractual Assurance. Applying with students (laboratory, project, seminar) at the discipline: Electrical Machines. |
| Name and address of employer | Politehnica University of Timisoara, Electrotechnical Faculty, Vasile Pârvan str., no.1-2, postal code 300223, Timișoara, www.et.upt.ro |
| Type of business or sector | Teaching and research activity |
| Period | September 1989 – January 1991 |
| Occupation or position held | Engineer in training |
| Main activities and responsibilities | Investment - Expansion of consumer goods section. Production - electrical separators. Tramway design - homologation electric tram with chopper , homologation metro controller. |
| Name and address of employer | Electrometal Timișoara Company, Circumvalațiunii str. no. 1, Timișoara, Romania, www.eltim.ro |
| Type of business or sector | Investment, Production, Design. |

Education and training

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| Period | 2016, Specialization course. |
| Title of qualification awarded | Graduate Certificate Course Project Manager. |
| Name and type of education institution / training provider | Timis Chamber of Commerce, Industry and Services |
| Period | 2012-2013, Postgraduate course. |
| Title of qualification awarded | Graduate Certificate Blended-Learning course and modern educational technologies. |
| Name and type of education institution / training provider | Politehnica University of Timișoara |
| Period | 2002, Training course ACS 800: ABB Company, Training Center, Zagreb, Croatia. |
| Title of qualification awarded | User, ACS 800 static converter authorized troubleshooter. |
| Period | 1993-1998 |
| Title of qualification awarded | Doctor of Technical Sciences, title of PhD thesis: Study of Brushless Electric Generator, coordinator Prof.dr.ing. Saimac Anton. |

Principal subjects / occupational skills covered Special Electrical Machines, Electric Drives with Static Converters, Power Electronics, Industrial Automation and Robotics, Finite Element Analysis of Electromagnetic Field.

Name and type of education institution / training provide Politehnica University of Timișoara

Period 1984-1989

Title of qualification awarded Electrotechnical Engineer, Electrical Machines Specialization, Final Media 9.89 (Head of Promotion), Note at the diploma project 10. Title of the diploma project: Monorotor Agregate with Stator Excitation, coordinator acad. Prof.dr.ing. Boldea Ion.

Principal subjects / occupational skills covered Electric Machines, Electric Drives, Power Electronics, Electrical Devices and Circuits, Electrotechnical Basics, Electrical Circuits, Programming of Electronic Computers.

Name and type of education institution / training provide Polytechnic Institute Traian Vuia Timișoara

Level in national or international classification ISCED6

Personal skills and competences

Mother language (s) Romanian

Other languages

Autoevaluation

European level (*)

English language

German language

| Understanding | | | | Speaking | | | | Writing | |
|---------------|----------------|---------|------------------|--------------------|----------------|-----------|----------------|---------|----------------|
| Listening | | Reading | | Spoken interaction | | Listening | | Reading | |
| A1 | Elementar user | B2 | Independent user | A1 | Elementar user | A1 | Elementar user | A2 | Elementar user |
| A1 | Elementar user | A2 | Elementar user | A1 | Elementar user | A1 | Elementar user | A1 | Elementar user |

(*)Common European Framework of Reference for Languages

Books 22 of books and chapters in books (11 with ISBN) and 7 course holders in electronic format (3 on the e-learning platform).

Publications / Patents 290 scientific papers, 41 papers indexed in the database ISI Web of Science and 46 indexed BDI, 3 patents (1 international).

The impact of research Citations (without self citation): 68 ISI (h-index: 4), 48 IEEEExplore, 145 Scopus (h-index: 5), 131 Google Scholar (h-index: 9).

Reviews 91 articles in journals and conferences ISI, over 500 articles in journals and conferences BDI.

Presentations invited to the plenary of some Conferences 3 International (1 ISI, 2 BDI).

Member of the International Scientific Committee of Journales / Conferences Associate Editor at BDI Journal of Electrical Engineering. Scientific committee / organizing committee member 3 ISI conferences. Scientific committee member 18 international BDI conferences.

Social skills and competences I have the teamwork experience since college when I participated in the activities assumed by the practical and research projects carried out within the faculty. From 1986-1988 I was president of the student association at the Faculty of Electrical Engineering Timișoara.

Organisational skills and competences Good experience of project and team management (10 research contracts with the business environment to 7 directors, team member to 6 nationals/internationals grants and director for 2 grants). Organizer of 30 study trips with students, one to six days, to more than 100 enterprises in almost all counties of the country.

Technical skills and competences Design, installation and servicing of electric drives with static frequency and softstarters.

Computer skills and competences PC usage
Using design-specific software, finite element analysis, dynamic simulations.

Artistic skills and competences Passionate about authentic folk songs and folk traditions.

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| Other skills and competences / Professional association member | Senior IEEE Member from 2018. IEEE Member from 2006. AGIR Member from 2000. Hobby: mountain hiking. |
| Driving license (s) | B category |
| More information | References can be provided upon request. |
| Annexes | Copy of Doctoral Diploma, Copy of Engineer's Diploma, Copy of Graduation Sheet, Copies of Baccalaureate Diploma, Copy of Graduation Certificate DidaTec, Copy Certificate of Graduation Project Manager. |

Date
07.11.2018

Signature