

PERSONAL INFORMATION Dan Florentin LASCU

POSITION Member of PEMC Council

WORK EXPERIENCE

- 2012 - present **Head of Department**
Applied Electronics Department, Faculty of Electronics and Telecommunications, Politehnica University Timișoara, Romania, www.ea.etc.upt.ro
- Academic management (courses, seminars, laboratories), research management in the department, funding monitoring, cooperation with economic partners
- [Business or sector](#) Education and research
- 2008 - 2012 **Vicedean**
Faculty of Electronics and Telecommunications, Politehnica University Timișoara, Romania, www.etc.upt.ro
- Students management, studies accreditation, curricula and syllabi
- [Business or sector](#) Education
- 2009 - present **PhD Advisor**
Politehnica University Timișoara, Romania, www.upt.ro
- 2 PhD Thesis delivered; 4 theses under development
- [Business or sector](#) Research
- 2007 - present **Professor**
Politehnica University Timisoara, www.upt.ro, Electronics and Telecommunications Faculty, www.etc.upt.ro, Applied Electronics Department, 2 V. Parvan Bd., 300223, Timisoara, ROMANIA
- Courses: Power Electronics, Modelling and Simulation, Soft Switching Converters
 - Labs and projects: Power Electronics, Modelling and Simulation, Soft Switching Converters taught at bachelor and master levels
- [Business or sector](#) Education
- 2000 - 2007 **Associate Professor**
Politehnica University Timisoara, www.upt.ro, Electronics and Telecommunications Faculty, www.etc.upt.ro, Applied Electronics Department, 2 V. Parvan Bd., 300223, Timisoara, ROMANIA
- Courses: Active Power Factor Correction, Soft Switching Converters, Modelling and Simulation
 - Labs and projects: Power Electronics, Modelling and Simulation, Soft Switching Converters taught at bachelor and master levels
- [Business or sector](#) Education
- 1997 - 2000 **Lecturer**
Politehnica University Timisoara, www.upt.ro, Electronics and Telecommunications Faculty, www.etc.upt.ro, Applied Electronics Department, 2 V. Parvan Bd., 300223, Timisoara, ROMANIA

Courses: Active Power Factor Correction, Soft Switching Converters

▪ Labs and projects: Power Electronics, Modelling and Simulation, Soft Switching Converters, Active Power Factor Correction

taught at bachelor and master levels

1990 - 1997 **Teaching Assistant**

Politehnica University Timisoara, www.upt.ro, Electronics and Telecommunications Faculty, www.etc.upt.ro, Applied Electronics Department, 2 V. Parvan Bd., 300223, Timisoara, ROMANIA

▪ Courses: Power Electronics

▪ Labs and projects: Power Electronics, Active Power Factor Correction, Soft Switching Converters taught at bachelor and master levels

Business or sector Education

1986 - 1990 **Researcher**

Institute of Automation (SC IPA SA), Craiova Subsidiary, Calea Floreasca Str., Building P1, 014459 Bucharest, ROMANIA, <http://www.ipa.ro/>

Research activities in more than 5 big projects

Business or sector Research

EDUCATION AND TRAINING

2015, 2016 **LTSpice Trainings**

Replace with EQF
(or other) level if
relevant

Linear Technology

▪ Basics, Switching regulators

2008 **Labview Trainings**

▪ National Instruments

▪ Basics, DAQ, FPGA

1999 **PhD Degree in Electronics**

Replace with EQF
(or other) level if
relevant

Politehnica University Timisoara, Romania

▪ Thesis title - Energy Transfer Through PWM and Resonant Converters

1993 **3 months TEMPUS mobility at VU University Amsterdam and Delft University of Technology, The Netherlands**

Replace with EQF
(or other) level if
relevant

VU University Amsterdam and Delft University of Technology, The Netherlands

▪ Power Electronics

1981-1986 **Engineer Degree**

Replace with EQF
(or other) level if
relevant

Politehnica University Timisoara, Romania

▪ Electronics and Telecommunications

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C2	C2
Replace with name of language certificate. Enter level if known.					
French	C1	C1	B2	B2	B2
Replace with name of language certificate. Enter level if known.					

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 the experience as vicedean, head of department and teaching activities

Organisational / managerial skills ▪ leadership - currently responsible for a team of 28 people consisting the Applied Electronics Department
▪ managerial skills in education and research gained as a vicedean and as a director in grants and contracts with industry

Job-related skills ▪ good skills in dialogue with preuniversitary teaching staff and pupils, as a coordinator of activities regarding a smooth transition from high schools to universities

Computer skills ▪ good command of Microsoft Office™ tools
▪ good command of Matlab™ and Simulink™ programs
▪ good abilities in using PSpice™ and Caspoc™ simulation programs
▪ medium abilities in using LabVIEW™

Other skills ▪ intermediate guitar and piano player

Driving licence ▪ B

ADDITIONAL INFORMATION

Publications ▪ 100+ papers, 3 books
Projects ▪ 25+ contracts and grants
▪ Head of the Power Electronics Lab for Solar and Wind Energy in the Renewable Energies Research Institute, Timisoara, Romania. The Institute is an EU 17 million Euro investment

Conferences ▪ Chairman and co-chairman in 6 international conferences
▪ EPE Journal Reviewer, AECE Reviewer, IEEE Transactions on Industrial Electronics Reviewer

Memberships ▪ IEEE member (Industrial Electronics Society)

References ▪ Prof. Dr. Ivan BOGDANOV, Politehnica University Timișoara, Romania
Prof. Dr. Pavol BAUER, Delft University of Technology, Delft, The Netherlands
Dr. ing. Peter van DUIJSEN, Simulation Research Company, The Netherlands
Prof. dr. Folker RENKEN, Jade University, Germany