

PERSONAL INFORMATION

Dan Florentin LASCU



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POSITION

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

2008 - 2012

Business or sector Education and research

Vicedean

Faculty of Electronics and Telecommunications, Politehnica University Timișoara, Romania, www.etc.upt.ro

- Students management, studies accreditation, curricula and syllabi

2009 - present

Business or sector Education

PhD Advisor

Politehnica University Timișoara, Romania, www.upt.ro

- 3 PhD Thesis delivered; 4 theses under development

2007 - present

Business or sector Research

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

2000 - 2007

Business or sector Education

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

1997 - 2000

Business or sector Education

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

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

1986 - 1990 **Business or sector Education 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

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 preuniversity 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, 4 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, Journal of Power Electronics Reviewer, IEEE Transactions on Industrial Electronics Reviewer, Energies MDPI reviewer, AECE Reviewer,
- Memberships** ▪ IEEE member (Industrial Electronics Society)
▪ Power Electronics and Motion Control Europe Council member
- References** Prof. Dr. Aurel GONTEAN, Politehnica University Timișoara, Romania
Prof. Dr. Pavol BAUER, Delft University of Technology, Delft, The Netherlands
Dr. ing. Peter van DUJSEN, Simulation Research, The Netherlands
Prof. dr. Folker RENKEN, Jade University, Germany