

PERSONAL INFORMATION

POP Ovidiu Aurel



WORK EXPERIENCE



✉ Ovidiu.Pop@ael.utcluj.ro

Since 2016

Professor

Technical University of Cluj-Napoca, str. Memorandumului, nr. 28, Cluj-Napoca, Romania, Faculty of Electronics, Telecommunications and Information Technology, Applied Electronics Department

- Teaching – courses/practical activities: Electronic Devices, Fundamentals of Electronic Circuits, Computer Aided Devices Techniques, Advanced Simulation Techniques
- Research

2007-2016

Associate Professor

Technical University of Cluj-Napoca, str. Memorandumului, nr. 28, Cluj-Napoca, Romania, Faculty of Electronics, Telecommunications and Information Technology, Applied Electronics Department

- Teaching – courses/practical activities: Electronic Devices, Fundamentals of Electronic Circuits, Computer Aided Devices Techniques, Advanced Simulation Techniques
- Research

2001-2007

Lecturer

Technical University of Cluj-Napoca, str. Memorandumului, nr. 28, Cluj-Napoca, Romania, Faculty of Electronics, Telecommunications and Information Technology, Applied Electronics Department

- Teaching – courses/practical activities: Passive Components and Circuits, Fundamentals of Electronic Circuits, Computer Aided Devices Techniques
- Research

1996-2001

Asistant professor

Technical University of Cluj-Napoca, str. Memorandumului, nr. 28, Cluj-Napoca, Romania, Faculty of Electronics, Telecommunications and Information Technology, Applied Electronics Department

- Teaching – practical activities: Electronic Devices, Fundamentals of Electronic Circuits, Computer Aided Devices Techniques
- Research

1995-1996

Engineer

ROMTELECOM SA, Cluj-Napoca

EDUCATION AND TRAINING

2005

PhD Degree- Electronics and Telecommunications Engineering

Technical University of Cluj-Napoca

- PhD Thesis: *Theoretical and Experimental Research about improving on Switching Mode Power Supplies Performances*

1994-19945

Master Degree

Technical University of Cluj-Napoca, , Faculty of Electronics, Telecommunications and Information Technology

- *Designing of Advanced Electronic Circuits*
- 1989-1994 **Bachelor Degree- Applied Electronics**
 Technical University of Cluj-Napoca, , Faculty of Electronics, Telecommunications and Information Technology

PERSONAL SKILLS

Mother tongue

Romanian

Other language

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
B2	B2	B2	B2	C1

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

Training courses

- Professional Development Course „Extension of Thermal Transient Testing toward LED Multi-domain Modelling and Reliability Testing” 2019
- Workshop „Strategic Partnership for Education”- 2019
- Project manager Training- “CMMI Workshop” training course – CHF International Romania, BuzzAllenHamilton SUA, in program EDS- USAID 2006
- Trainer Course – Romanian National Accreditation CNFPA-2011
- 2004 – Training Course (Europractice) -Design and Complex Characterization of High-Performance PCB Structures”, 12-13 Mai 2004, Sofia, Bulgaria.
- Training Course (Europractice) - “Microelectronics and Microengineering”, 12-16 Mai 2003, Budapesta, Ungaria;
- Training Course (Europractice) - “Design of Low-Power Digital Systems”, 14-18 decembrie 2003, Cluj-Napoca, România;
- 1999- 10 weeks visiting grant at Technical University of Athens, Greece

Organisational / managerial skills

- Since 2022 Dean of Faculty of Electronics, Telecommunications and Information Technology
- 2016-2021-Deputy Dean of Faculty of Electronics, Telecommunications and Information Technology
- Member in Steering Committee of “Information Technology in Electronics Research and Development Center”
- Member in Applied Department Coordination Council
- Member in Faculty of Electronics, Telecommunications and Information Technology Council
- Member in organization committee of two international conferences, being Local Organizing Chair for one of them
- Member in Executive-Committee (Technical co-Chair) of Electronic System-Integration Technology Conference 2020
- Executive chair for Electronic System-Integration Technology Conference 2022
- Member in Steering Committee of „IEEE International Symposium for Design and technology in Electronic Packaging” and „International Spring Seminar on Electronics Technology”
- Team leader of activity „A 7.1 – Defining a National Strategic Framework and Financing Methods for Participacion of Romania in European Initiatives and Networks „, in project SIPOCA 704/ SMIS 129878 „Strategic Framework for Adopting and Using Innovative Technologies in Public Administration 2021-2027 ”
- Partner Coordinator for project NetZeRoCities - National Competence Centre and solutions for the development of Climate Neutral and Smart Cities, 2022-2025

ADDITIONAL INFORMATION

- Memberships**
- IEEE Senior Member
 - Member in IEEE Romania Section – Humanitarian Activities
 - IEEE Hungary and Romania Section EPS&NTC Joint Chapter – SBC Coordinator
 - Member in Association for Promoting Electronics Technology Romania
 - Member „Pact for Skills Alliance”
-
- Publications**
- 8 published books in national printing houses, 1 book chapter in an international printing house
71 papers published in journals and international conferences, 55 ISI indexed
2 patents requests
- Projects**
- more than 20 research projects
 - Significat projects:
 - hardware and software projects related with automotive industry with Continental Automotive, since 2006
 - Project nr. 3/5.03.2008, Diehl-AKO Stiftung&Co.Kg Germania– Technical University of Cluj-Napoca: Induction Heating for Home Appliances -“Ind_Cook Project”- project coordinator
 - Star2016- Centre of competence for wireless Intra-SATellite Technology, ID497, 2017-2019, Responsible for Hardware R&D
 - National Grant AT-26/575, Radio-calibrable smart sensors based on System-on-Chip (SOC) platform,2002-2003, member
 - National Grant CEEEX 54/M1/INFOSOC/2006- Micrometrics displacements measurements for hydroelectric platnts structures– member in research team
- Membru in comitete editoriale**
- Guest Editor for IEEE Transactions on Components, Packaging and Manufacturing Technology Journal
 -
- Honours and awards**
- Excellent Poster Award for Senior Scientists, IEEE 18th International Symposium for Design and Technology in Electronic Packaging (SIITME), 2012
 - Excellent Poster Award for Senior Scientists, IEEE 21th International Symposium for Design and Technology in Electronic Packaging (SIITME), 2015
 - Gold Medal Euroinvent - European Exhibition of Creativity and Innovation 2020
 - Diploma of Excellence and Gold Medal at the International Exhibition of Scientific Research, Innovation and Invention, Proinvent, Cluj 2020
 - Gold medal - International Exhibition of Inventions and Innovations Traian Vuia, Timisoara, 2020
 - Medal- International Exhibition of Inventics, Inventica 2020, Iasi, Romania
 - Excellence award granted for the project Communication system for people with hearing impairments to avoid traffic events at PRO INVENT, Cluj-Napoca, 2019 awarded by Technical University of Moldova.