PERSONAL INFORMATION

Mihail Stefan TEODORESCU

teodorescu.mihai.stefan@gmail.com

Sex Male | Date of birth | Nationality Romanian

WORK EXPERIENCE

April 2013 – present

Lecturer

Politehnica University of Bucharest, Faculty of Electronics, Telecommunications and Information Technology, 1-3 Iuliu Maniu Blvd., Sector 6, 061071, Bucharest, Romania

Business or sector Education

2005 – present

Administrator

SC Solaris Net SRL

Business or sector IT&C

2000 – 2003

Assistant Professor

Politehnica University of Bucharest, Faculty of Electronics, Telecommunications and Information Technology, 1-3 Iuliu Maniu Blvd., Sector 6, 061071, Bucharest, Romania

Business or sector Education

1995 – 1996

Assistant Research Engineer

Politehnica University of Bucharest, Faculty of Electronics, Telecommunications and Information Technology, 1-3 Iuliu Maniu Blvd., Sector 6, 061071, Bucharest, Romania

Business or sector Education

EDUCATION AND TRAINING

2009 – 2012

Doctor in electronic engineering and telecommunications

PhD

Politehnica University of Bucharest, Faculty of Electronics, Telecommunications and Information Technology, 1-3 Iuliu Maniu Blvd., Sector 6, 061071, Bucharest, Romania

1995 – 1996

Master's Degree

MSc

Politehnica University of Bucharest, Faculty of Electronics, Telecommunications and Information Technology, 1-3 Iuliu Maniu Blvd., Sector 6, 061071, Bucharest, Romania

1990 – 1995

Engineer

BSc

Politehnica University of Bucharest, Faculty of Electronics, Telecommunications and Information Technology, 1-3 Iuliu Maniu Blvd., Sector 6, 061071, Bucharest, Romania

1985 – 1989

High school degree

Herman Oberth High School, Bucharest

PERSONAL SKILLS

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Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
German	C2	C2	C2	C2	C2

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

Job-related skills
- Computer aided analysis of power electronic circuits course
- Industrial Electronics and Informatics teaching activities
- 14 published papers in international journals and conferences proceedings
- 1 patent

Computer skills
- Microsoft Office™
- MATLAB/Simulink
- OrCAD/PSPICE
- PSIM

Driving licence
- B

ADDITIONAL INFORMATION

Publications

L I S T A
lucrărilor ştiinţifice în domeniul disciplinelor din postul didactic

A. Teza de doctorat

B. Teodorescu Mihail Ștefan, „Metode și Sisteme Avansate de Comandă pentru Filtre Active de Putere”, coordonator prof. dr. ing. Constantin Rădoi, 2012, Electronică, Universitatea Politehnica București.

C. Cărţi si capitole în cărţi publicate în ultimii 10 ani

1. M.S. Teodorescu, S.G. Roșu, A. Florescu, Analiza asistată de calculator a circuitelor electronice de putere - Îndrumar de laborator, Ed. Printech 2018, ISBN 978-60623-0896-4

D. Lucrări indexate ISI/BDI publicate în ultimii 10 ani

1. Teodorescu Mihail, Roșu Ștefan, *”Automated System Adjustment Criterion for Sinusoidal Input Signal”,* ATEE 2017, 23-25 march 2017, Bucharest, Romania, IEEE, INSPEC 16824699, DOI 10.1109/ATEE.2017.7905030, ISBN 978-1-5090-5160, WOS:000403399400122

2. S. Oprea, S.G. Rosu, C. Rădoi, A. Florescu, and M.S. Teodorescu, "Implementation of Resonant Current Controllers Using 16-bit, Fixed-point Digital Signal Controllers", in Proc. Int. Conf. on

Electron., Comp. and Artif. Intelligence (ECAI 2018), ISBN 978-1-5386-4901-5, pp. 1-6, Jun. 2018; DOI: 10.1109/ECAI.2018.8679008, WOS:000467734100078, Web of Science Categories:Computer Science, Artificial Intelligence [ISI]

3. Ş.G. Roşu, M.Ş. Teodorescu, A. Florescu and L.A. Perișoară, "Study of Operating Conditions Impact on Wireless Power Transfer Systems Performance," in Proc. 11th Int. Symp. on Advanced Topics in Electrical Engineering (ATEE 2019), DOI: 10.1109/ATEE.2019.8724855, pp. 1-6, Romania, WOS:000475904500013

4. Alexandru Ioan Rusu; Adriana Florescu ; Mihail Stefan Teodorescu, ” Improved Model of a Standard LLC Resonant Converter Architecture”, 2019 11th International Symposium on Advanced Topics in Electrical Engineering (ATEE), DOI: 10.1109/ATEE.2019.8724860, WOS:000475904500018

5. GURAN Ionut-Constantin, FLORESCU Adriana, PERISOARA Lucian Andrei, TEODORESCU Mihail Stefan, BACIS IRINA BRISTENA, SPICE Implementation of Digital Counters for Battery Management Systems Used in Energy Storage Systems, 14th International Conference on Electronics, Computers and Artificial Intelligence (ECAI), 2022

6. GURAN Ionut-Constantin, FLORESCU Adriana, PERISOARA Lucian Andrei, TEODORESCU Mihail Stefan, BACIS IRINA BRISTENA, VASILE PETER - ALEXANDRU, Vasile Alexandru, Advanced Down-Counting Operation in SPICE, 2023, 13th International Symposium on Advanced Topics in Electrical Engineering, ATEE 2023

E. Lucrări publicate în ultimii 10 anii în reviste şi volume de conferinţe cu referenţi (neindexate)

- Reviste

1.

- Selecţie cu maximum 20 lucrări în volume de conferinţe

1.

E. Brevete obţinute în întreaga activitate

1. D. Stanciu, **M. Teodorescu**, A. Florescu, ”*Sistem de reglare vectoriala a unei sarcini multirezonante*”, OSIM, cerere brevet nr. A/00372/19.04.2011, publicata BOPI nr. 12/2012, aprobata feb. 2019, brevet nr. 128075. Derwent Primary Accession Number: 2013-C64490 [ISI Web of Knowledge]
2. L. Milea, I. Angela, D. Monica, L. Florin, M. Teodorescu, ”Interfață senzorială pentru proteza de antebraț”, OSIM, cerere brevet nr. A//00090/24.01.2013, publicata BOPI nr. 7/2014.

Data: