PERSONAL INFORMATION

Ovidiu Ivanov

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🌐 http://ovidiu-ivanov.ieeia.tuiasi.ro/

Sex M | Date of birth 12/05/1978 | Nationality Romanian

JOB APPLIED FOR
POSITION
PREFERRED JOB
STUDIES APPLIED FOR

WORK EXPERIENCE

01/10/2012 - present day

University lecturer

"Gheorghe Asachi" Technical University, Iași, România, 67, Profesor Dimitrie Mangeron nr. 67 blvd, postal code: 700050, www.tuiasi.ro, The Electrical Engineering Faculty, 21-23, Profesor Dimitrie Mangeron blvd, postal code: 700050, www.ee.tuiasi.ro

- teaching and scientific research activities
- teaching experience in English (2014-2015): Monitoring and Management of Electrical Systems (lectures and laboratory); Computational Intelligence and Applications (laboratory)
- teaching experience in Romanian (2003-2018): Computer Programming, Power Systems, Computational Intelligence, Electricity Markets

Business or sector: education, power engineering

2007 - 2015

Freelance translator

SDI Media Group, www.sdimedia.com

- subtitling (time cueing and translation) of feature films, TV series and documentaries from English to Romanian

Business or sector: translation services

01/04/2003 - 30/09/2012

University assistant professor

"Gheorghe Asachi" Technical University, Iași, România, 67, Profesor Dimitrie Mangeron nr. 67 blvd, postal code: 700050, www.tuiasi.ro, The Electrical Engineering Faculty, 21-23, Profesor Dimitrie Mangeron blvd, postal code: 700050, www.ee.tuiasi.ro

- teaching and scientific research activities

Business or sector: education, power engineering

EDUCATION AND TRAINING

May 2016

English as a Medium of Instruction (EMI) course

UDC – International Summer School, jointly organized by Universidade da Coruña (Spain) and 'Gheorghe Asachi' Technical University of Iasi (Romania)

http://www.tuiasi.ro/en/events/an-international-summer-school-at-tuiasi

Gheorghe Asachi" Technical University, Iași, România, 67, Profesor Dimitrie Mangeron nr. 67 blvd, postal code: 700050, www.tuiasi.ro

01/10/2004 - 16/12/2011	**PhD degree in Power Engineering**

Gheorghe Asachi" Technical University, Iași, România, 67, Profesor Dimitrie Mangeron nr. 67 blvd, postal code: 700050, www.tuiasi.ro

- thesis: 'Contributions to Power Systems Congestion management'

October 2002 - June 2003	**Advanced studies degree in Power Engineering**

Gheorghe Asachi" Technical University, Iași, România, 67, Profesor Dimitrie Mangeron nr. 67 blvd, postal code: 700050, www.tuiasi.ro

- advanced skills in the field of network configuration and operating state optimization in Power Systems

October 2002 -June 2007	**Licence degree in Power Engineering**

Gheorghe Asachi" Technical University, Iași, România, 67, Profesor Dimitrie Mangeron nr. 67 blvd, postal code: 700050, www.tuiasi.ro

- theoretical and applied knowledge of power systems' design, modeling and operation
- power systems analysisskills
- Main subjects covered: Electricity generation, transmission and distribution, Power systems, Electrical equipment, Computer programming.

September 1993 - June 1997	**Bachelor's degree**

'Elie Radu' High School, Botosani city, Botosani county, Romania

PERSONAL SKILLS

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C2	C2	C2	C1	C1
French	B2	B2	B2	B1	B1
Italian	B1	B1	A2	A1	A1

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 my experience in interacting with students in teaching classes and with work peers in scientific conference paper communications

Organisational / managerial skills

- team leadership abilities acquired by conducting group teaching activities and organizing research activities.

Computer skills

- Microsoft Windows and Office (Word, Excel, Power Point) – advanced level
- Programming languages: MATLAB, Borland Pascal – advanced level, Embarcadero Delphi – medium level; C++ - beginner level
- power systems analysis tools: DIgSILENT Power Factory, BCP Neplan - advanced level; EDSA Paladin, Power World Simulator – medium level
- Database tools (MS SQL) – medium level
- Web design – medium level

Driving licence

- No

ADDITIONAL INFORMATION

Publications
- 81 published scientific papers (51 indexed in international databases)
- 2 books and 2 book chapters

Presentations
- Invited in July 2014 in the framework of the ERASMUS LLP teaching mobility program at the Polytechnic University of Turin (Politecnico di Torino), with a presentation on 'Artificial intelligence algorithms for power systems analysis.
- Invited in January – February 2018, in the framework of the ERASMUS Mundus gLINK (Sustainable Green Economies through Learning, Innovation, Networking and Knowledge Exchange) teaching mobility program at the Jadavpur University of Kolkata, India.
- Invited in January 2018 at Asansol Engineering College from Asansol, West Bengal, India, with a two-day workshop on 'MATLAB and its applications'

Projects
- Coordinator of 1 research grant
- Research team member in12 utility and government scientific contracts and grants

Memberships
- Since 2016, member of the Institute of Electrical and Electronics Engineers (IEEE)
- Since 2013, individual member in the Romanian branch (CNR-CME) of the World Energy Council society (WEC)

ANNEXES

relevant publications:
- scientific papers:
  - Ivanov Ovidiu, Gavrilas Mihai, Neagu Bogdan, Intelligent monitoring and control in transmission and distribution networks, Proceedings of the 14th International Conference on Optimization of Electrical and Electronic Equipment (OPTIM 2014), Brasov, Romania, May 22-24, 2014, pp.185-191, 2014 (IEEExplore, ISI Web of science);
  - Ivanov Ovidiu, Gavrilas Mihai, Improving WLS estimation results using PMU measurements, Proceedings of the 9-th WSEAS/IASME International Conference on Electric Power Systems, High Voltage, Electric Machines (POWER '09), Genova, Italy, Oct. 17-19, 2009, Book Series: Recent Advances in Electrical Engineering, ISBN: 978-960-474-130-4; ISSN 1790-5117, pp. 98-103, 2009 (IEEExplore);
  - Gavrilas Mihai, Ivanov Ovidiu, Load profiling by self organization with affinity control strategy, Revue Roumaine des Sciences Techniques-Serie Electrotechnique et Energetique, Vol.53, No.4, Oct – Dec. 2008, ISSN: 0035-4066, pp. 413-421, 2008 (ISI Web of Science);
- research contracts/grants:
  - 4030P/2004 contract regarding 'Research on the optimization and analysis of electricity distribution systems operation using artificial intelligence methods' developed for the regional electricity distribution company F.D.F.E.E. 'Electrica S.A.' Muntenia Sud,
  - 22126 PNCDI II research grant 'An intelligent system to predict and control congestions in large power systems and high voltage distribution networks - SIPCON' (http://www.sipcon.ee.tuiasi.ro/), developed in partnership by TUIASI and 2 industry companies
  - PNCDI III nr. 45CI/2017 (PN-III-P2-2.1-CI-2017-0328) contract: 'Instrument software pentru gestiunea tranzacțiilor pe piața de energie electrică (Software Tool for Electricity Market Transaction Management)' - GTMarket (coordinator)
- books:
  - Ivanov Ovidiu, Bejinariu Laura-Elena – MATLAB pentru cei mai începători dintre începători (MATLAB for the most inexperienced beginners), PIM publishing house, Iasi, Romania, ISBN 978-606-13-4410-9, 2018.
  - Ivanov Ovidiu, Kriukov Alexandru – Sisteme Electroenergetice – îndrumar de laborator – utilizarea programului DIgSILENT Power Factory (Power Systems – laboratory guide – using the DIgSILENT Power Factory software), PIM publishing house, Iasi, Romania, ISBN 978-606-13-4411-6, 2018.