

PERSONAL INFORMATION



Bogdan Constantin Neagu

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Sex Masculin | Date of birth 04/07/2014 | Nationality romanian

EXPERIENȚA PROFESIONALĂ

1.10.2014 – present

Lecturer

"Gheorghe Asachi" Technical University of Iasi, Faculty of Electrical Engineering, Power Department, Bvd. Prof. dr. doc. Dimitrie Mangeron no. 21-23, 700050, Iasi.

- Teaching the course and application classes on Transmission and Distribution of Electric Energy and Distribution Systems Planning Strategy.
- Student practice coordination.
- Dissertation and bachelor thesis coordination.
- Member of the bachelor and dissertation committee.
- Student research coordination.
- Academic research from grants, contracts and publications.

[Education, research.](#)

3.10.2011 - 30.09.2014

Teaching Assistant

"Gheorghe Asachi" Technical University of Iasi, Faculty of Electrical Engineering, Power Department, Bvd. Prof. dr. doc. Dimitrie Mangeron no. 21-23, 700050, Iasi.

- Teaching the application classes on Transmission and Distribution of Electric Energy, Distribution Systems Planning Strategy, Monitoring and diagnostics of electrical equipment, Electrical equipment, Energetic policies and strategies, Protection and automation integrated systems, Energy market and energy policies, Computer architecture.
- Student practice coordination.
- Bachelor thesis coordination.
- Member of the bachelor and dissertation committee.
- Student research coordination.
- Academic research from grants, contracts and publications

[Education, research.](#)

19.02.2009 - 2.10.2011

University tutor (Junior Teaching Assistant)

"Gheorghe Asachi" Technical University of Iasi, Faculty of Electrical Engineering, Power Department, Bvd. Prof. dr. doc. Dimitrie Mangeron no. 21-23, 700050, Iasi.

- Teaching the application classes on Transmission and Distribution of Electric Energy, Distribution Systems Planning Strategy, Monitoring and diagnostics of electrical equipment, Electrical equipment, and Modern management techniques.
- Student practice coordination.
- Member of the bachelor and dissertation committee.
- Student research coordination.
- Academic research from grants, contracts and publications

[Education, research.](#)

EDUCATION AND TRAINING

2009 – 2014

PhD in Electrical Engineering

EQF 8 Level

Thesis Title: *Contributions on Structure and Steady-State Optimization of the Electric Energy Repartition and Distribution Systems.* "Gheorghe Asachi" Technical University of Iasi, Romania

The main research activities were aimed on:

- Smart metering implementation (a complex load management system for medium and low voltage distribution network and consumer level was proposed);
- the optimization of distribution networks configuration and steady-state using real information from SCADA systems or smart metering systems.

2008 – 2009 **Master of Science in Power System Management** EQF 7 Level

"Gheorghe Asachi" Technical University of Iasi, Faculty of Electrical Engineering, Power Department, Bvd. Prof. dr. doc. Dimitrie Mangeron no. 21-23, 700050, Iasi.

- Dissertation Title: Power flow optimization in power repartition and distribution systems.
- Studied courses: Energetic policies and strategies; Emissions reduction technologies; Quality, safety and environmental risk; Optimizing the operating strategy in the energy market, Security policies and labour strategies etc.

2003 – 2008 **Bachelor of Engineer in Power Engineering** EQF 7 Level

"Gheorghe Asachi" Technical University of Iasi, Faculty of Electrical Engineering, Power Department, Bvd. Prof. dr. doc. Dimitrie Mangeron no. 21-23, 700050, Iasi.

- Bachelor Title: Computer-aided analysis of power distribution networks steady-state.
- Studied courses: Transmission and distribution of electric energy; Power systems, Electrical measurement, Strategies and optimal decisions in energetic domain, Electrical equipment, Electrical power plant, Station and substation, Management etc.

1999 – 2003 **Baccalaureate degree**

Scholar Group "Vasile Sav", Roman, jud. Neamț.

- Domain: Mathematics – Informatics.

PERSONAL SKILLS

Mother tongue(s) Romanian Language

Other language(s)

	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare la conversație	Discurs oral	
English Language	C1	B2	C1	C1	C1
French Language	B2	B2	B2	B2	B2

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, sociability.
 - Skills for team working coordination.
 - Skills of adaptation to new.
- All these were acquired through personal experience in diverse membership research contracts.

Organisational / managerial skills

- high capacity for innovation and creation;
 - time, multiple tasks and budgets management;
 - negotiation, objectivism, critical thinking, team spirit, responsibility, perseverance;
- All these were acquired through teaching experience in diverse membership research contracts.

- Job-related skills**
- increased capacity to assimilate of new knowledge;
 - skills of analysis and design of electric energy transmission and distribution;
 - performing reviews of scientific articles in international ISI journals or conferences;
 - logic, accommodation with new equipment, innovation.
- Computer skills**
- Microsoft Windows și Office™ (Word, Excel, Power Point) – advanced level.
 - Programming Languages (C++, Matlab) – average level.
 - Specialized software for the steady state analysis of power systems (DIGSilent Power Factory, Neplan, EDSA) – advanced level.
 - Own software for the electricity transmission and distribution network analysis.
- Driving licence**
- B

ADDITIONAL INFORMATION

- Publications**
- Until now the scientific activity (as principal or co-author) is achieved through:
- 5 books in various technical dedicated publisher (coauthor) and one online as sole author (www.ee.tuiasi.ro/~bogdan.neagu);
 - over 50 scientific papers published in international journals or conference proceedings, when 6 are ISI and 27 BDI indexed, such as for example:
 - **Neagu B.**, Georgescu Gh., Elges A., *Monitoring System of Electric Energy Consumption to Users*, The 7th International Conference on Electrical and Power Engineering – EPE 2012, Iași., pp.265-270 (*ISI Web of Knowledge*).
 - **Neagu B.C.**, Georgescu Gh., *A New Tool for Load Monitoring of Consumers Supplied from Public Distribution Networks*, The 5th International Conference on Modern Power Systems – MPS 2013, Cluj, pp. 318-324, 2013(BDI).
 - **Neagu B.C.**, Georgescu Gh., *Aspects Regarding the Monitoring Possibilities and Steady-State Analysis of Electric Energy Repartition Networks*, The 8th International Conference on Electrical and Power Engineering – EPE 2014, Iași, pp. 1000-1003 (*ISI Web of Knowledge*).
 - Ivanov Ovidiu, Gavrilas Mihai, **Neagu B.C.**, *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. 195-191, 2014 (*ISI Web of Knowledge*).
- Research contracts**
- member in 6 national and international grants or research contracts.

15.12.2014

Neagu Bogdan Constantin