

PERSONAL INFORMATION

Bojan Mircea



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Sex Masculine | Date of birth 24/02/1977 | Nationality Romanian

WORK EXPERIENCE

University Activity
september 2024 –
currently

Associate professor

Technical University of Cluj-Napoca, Electrical Engineering Faculty, Department of Electrical Machines and Drives

Course holder: *Line Conditioning Converters* (Master - Monitoring and Control Systems in Electrical Engineering - Year I), *Power Electronic Converters* (Bachelor - Electrical Engineering - Year III), *Electronics*, respectively *Electronics and Automation* (Bachelor - Medical Engineering, Electrical Systems Industrial Engineering, Industrial Economic Engineering and Robotics – Year II - Bistrita University Extension);

Responsible for organizing and/or conducting Laboratory/Seminar hours in the disciplines of Electronics, Electronics and Automation, Digital Systems, Power Electronics, respectively Line Conditioning Converters.

Business or sector Education + Research

University Activity
september 2017 –
august 2024

University lecturer (Head of works)

Technical University of Cluj-Napoca, Electrical Engineering Faculty, Department of Electrical Machines and Drives

Course holder: *Line Conditioning Converters* (Master - Monitoring and Control Systems in Electrical Engineering - Year I), *Power Electronic Converters* (Bachelor - Electrical Engineering - Year III), *Electronics*, respectively *Electronics and Automation* (Bachelor - Medical Engineering, Industrial Engineering, Industrial Economic Engineering and Robotics – Year II - Bistrita University Extension);

Responsible for organizing and/or conducting Laboratory/Seminar hours in the disciplines of Electronics, Electronics and Automation, Digital Systems, Power Electronics, respectively Line Conditioning Converters.

Business or sector Education + Research

University Activity
february 2004 –
june 2017

University assistant

Technical University of Cluj-Napoca, Electrical Engineering Faculty, Department of Electrical Machines and Drives

Responsible for organizing and conducting Laboratory and Seminar/Project hours in the Electronics and Power Electronics disciplines

Business or sector Education + Research

University Activity
october 2002 –
january 2004

University preparer

Technical University of Cluj-Napoca, Faculty of Electrical Engineering, Department of Electric Drives and Robots

Responsible for organizing and conducting Laboratory and Seminar classes within the disciplines of Electronics and Power Electronics

Business or sector Education + Research

University Activity
november 2001 –
september 2002

Full-time PhD student

Technical University of Cluj-Napoca, Faculty of Electrical Engineering, Department of Electric Drives and Robots

Specific research activities + Carrying out Laboratory and Seminar classes in the Electronics and Power Electronics disciplines

Business or sector Research + Education

Extra-University Activity
february 2006 –
august 2017

Technical support engineer

Finder Echipamente S.R.L. from Turda, Cluj county, Romanian representative of FINDER SpA Italy, Manufacturer of relays and timers since 1954

Responsible for technical support specific to FINDER products

Business or sector Industry

EDUCATION AND TRAINING

2016

PhD in Electrical Engineering

Technical University of Cluj-Napoca, Electrical Engineering Field

2001

Graduate of Advanced Studies

Technical University of Cluj-Napoca, Faculty of Electrical Engineering

- Specialization: Automation of Electric Drives with Energy Performances

2000

Diplomate Engineer

Technical University of Cluj-Napoca, Faculty of Electrical Engineering

- Specialization: General Electrotechnics

1995

High School Graduate

Turda Technical College (the former Turda Glass Industry and Machine Construction School Group), Cluj county

- Profile: Radio - TV troubleshooters

PERSONAL SKILLS

Mother tongue

Romanian

Other language

English

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
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 acquired both in the didactic process and by conducting seminars dedicated to product presentations specific to the FINDER company.

Digital competences

SELF-ASSESSMENT

Information
processing

Communication

Content
creation

Security

Solving
problems

Independent user

Independent user

Independent user

Independent user

Independent user

Levels: Elementary user - Independent user - Experienced user
Digital competences - Self-assessment grid

Driving licence

A, B

ADDITIONAL INFORMATION

Publications	29 – Scientific works published in the country and abroad; 2 – Books; 1 – Book Chapter
Research projects/contracts	▪ Research contracts: 8 – national and 1 international, at 2 - project manager
Patents of invention	▪ 2 – Invention patents and 3 patent applications pending – national and international
Conferences	▪ Participation in 18 conferences: 3 – national / 15 international
Citations	▪ A number of 45 citations in ISI and BDI journals and conference volumes
Awards/Distinctions	▪ 24 medals and diplomas obtained at international and national exhibitions / salons of scientific research, innovation and invention - of which 15 gold, 5 silver and 3 bronze.

ANNEXES