



## Curriculum vitae Europass



### Personal information

First name/ Surname **Alexandru Băloi**  
Address Bd. Vasile Pârvan, Nr.2, Timișoara, România  
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### Work experience

Period **October 2019-prezent**  
Position **Associate Professor**  
Main activities and responsibilities Education: Electrical energy transmission and distribution; Power plants and substations; Power quality; Virtual Instrumentation  
Employer's name and address Politehnica University of Timișoara  
Piața Victoriei Nr.2, Timișoara, România  
Sector University education and research

Period **October 2015-September 2019**  
Position **Lecturer**  
Main activities and responsibilities Education: Electrical energy transmission and distribution; Power plants and substations; Power quality.  
Employer's name and address Politehnica University of Timișoara  
Piața Victoriei Nr.2, Timișoara, România  
Sector University education and research

Period **February 2013-September 2015**  
Position **Assistant professor**  
Main activities and responsibilities Education: Electrical energy transmission and distribution; Power plants and substations; Power quality.  
Employer's name and address Politehnica University of Timișoara  
Piața Victoriei Nr.2, Timișoara, România  
Sector Higher education and research

Period **July 2010 – May 2013**  
Position **Postdoctoral researcher**  
Main activities and responsibilities Research: Reactive power compensation under harmonic conditions.  
Employer's name and address Politehnica University of Timișoara  
Piața Victoriei Nr.2, Timișoara, România  
Sector University education and research

Period **October 2009-September 2010**  
 Position **Assistant professor**  
 Main activities and responsibilities Education: Electrical energy transmission and distribution; Power plants and substations.  
 Employer's name and address Politehnica University of Timișoara  
 Piața Victoriei Nr.2, Timișoara, România  
 Sector Higher education and research

Period **October 2004-September 2009**  
 Position **PhD Student**  
 Main activities and responsibilities Education and research: Electrical energy transmission and distribution; Power plants and substations; Reactive power compensation under harmonic conditions  
 Employer's name and address Politehnica University of Timișoara  
 Piața Victoriei Nr.2, Timișoara, România  
 Sector University education and research.

## Education and training

Period **2004-2009**  
 Qualification awarded **PhD degree in Power Engineering**  
 List of main subjects covered - reactive power compensation under harmonic conditions  
 Education organization's name Politehnica University of Timișoara

Period **2004-2005**  
 Qualification awarded **Master's degree**  
**Qualification: Monitoring and efficient management of electrical networks**  
 List of main subjects covered - power quality  
 - overvoltage and network prophylaxis  
 - special issues in electrotechnics  
 - artificial intelligence  
 Education organization's name Politehnica University of Timișoara

Period **1999-2004**  
 Qualification awarded **Bachelor's degree**  
**Qualification: Power engineering**  
 List of main subjects covered - bases of electrotechnics;  
 - electrical equipment;  
 - the electrical part of the power plants;  
 - electrical energy transmission and distribution;  
 - transformation substations;  
 - power systems;  
 Education organization's name Politehnica University of Timișoara

## Personal skills

Native language Romanian

Foreign languages

	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production		Writing	
<b>French</b>	B2	Independent user	B2	Independent user	C1	Proficient user	B2	Independent user	B2	Independent user
<b>English</b>	B1	Independent user	B2	Independent user	B2	Independent user	B1	Independent user	B2	Independent user

October 2006 – Diplome d'Etudes en Langue Francaise (DELFF), Level: B2

Communication skills	Good communication skills gained through projects works and scientific paper presentations and discussions during international conferences
Organizational / managerial skills	<p>Experience of project management through the activities carried out in the postdoctoral research project and as project director of 2 national grants.</p> <p>Experience of coordinating the students in the project activities, respectively the realization of the bachelor and dissertation thesis.</p> <p>Member of the Power Engineering Department Council since 2013.</p> <p>Member of the Electrical and Power Engineering Faculty Council since 2016.</p>
Technical skills	Practical realization of electrical wirings.
Digital skills	<p>Good knowledge of MatLab Simulink simulation software</p> <p>Good knowledge of LabView software for virtual instruments performing</p> <p>Other software used: Corel Draw, MathCad.</p>
Hobby:	traveling, reading
Driving License	Category B
<b>Additional information</b>	<p>25 publications ISI indexed, including 8 in journals</p> <p>17 publications BDI indexed, including 4 in journals</p> <p>7 grants won in national competition – team member</p> <p>2 grants won in national competition – project director</p> <p>6 research / consulting contracts – team member</p> <p>1 Book</p> <p>2 Book chapters</p> <p>1 designing manual</p> <p>1 laboratory manual</p> <p>1 patent</p> <p>Reviewer for 2 ISI Journal with Impact Factor and 4 ISI Conferences</p>