

## Europass Curriculum Vitae



### Personal information

**First name(s) / Surname(s)** **BĂLAN MUGUR CIPRIAN**  
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**Nationality** Romanian  
**Date of birth** 26.02.1964

### Work experience

<b>Dates</b>	Since 2009
<b>Occupation or position held</b>	Ph.D. adviser in mechanical engineering
<b>Name and address of employer</b>	Technical University of Cluj-Napoca; Bd. Muncii 103-105; 400641 Cluj-Napoca; Romania
<b>Type of business or sector</b>	Research
<b>Dates</b>	Since 2003
<b>Occupation or position held</b>	Professor
<b>Main activities and responsibilities</b>	Teaching and research
<b>Name and address of employer</b>	Technical University of Cluj-Napoca; Bd. Muncii 103-105; 400641 Cluj-Napoca; Romania
<b>Type of business or sector</b>	Education
<b>Dates</b>	1998 - 2003
<b>Occupation or position held</b>	Associated professor
<b>Main activities and responsibilities</b>	Teaching and research
<b>Name and address of employer</b>	Technical University of Cluj-Napoca; Bd. Muncii 103-105; 400641 Cluj-Napoca; Romania
<b>Type of business or sector</b>	Education
<b>Dates</b>	1994 - 1998
<b>Occupation or position held</b>	Lecturer
<b>Main activities and responsibilities</b>	Teaching and research
<b>Name and address of employer</b>	Technical University of Cluj-Napoca; Bd. Muncii 103-105; 400641 Cluj-Napoca; Romania
<b>Type of business or sector</b>	Education
<b>Dates</b>	1991 - 1994
<b>Occupation or position held</b>	Assistant
<b>Name and address of employer</b>	Technical University of Cluj-Napoca; Bd. Muncii 103-105; 400641 Cluj-Napoca; Romania
<b>Type of business or sector</b>	Education

Dates 1990 - 1991  
Occupation or position held Designing engineer  
Main activities and responsibilities Design and research in refrigerating systems  
Name and address of employer R&D Institute of Food Industry and Refrigeration; Str. Fabricii de Chibrituri 13-21, Cluj-Napoca  
Type of business or sector Engineering

Dates 1988 - 1990  
Occupation or position held Engineer  
Main activities and responsibilities Technical Dept. Engineer  
Name and address of employer Industrial Boilers Building and Repairing Yard Hunedoara; Romania  
Type of business or sector Engineering

### Education and training

Dates 2013 / 2014  
Title of qualification awarded Thermal energy audit in industry - RAE  
Name and type of organisation providing education and training University "Politehnica" of Timisoara  
Level in national or international classification Authorised thermal energy audit in industry class I (RAE)

Dates 2007  
Title of qualification awarded Engineer of Energy Audit  
Principal subjects/occupational skills covered Energy audit in constructions  
Name and type of organisation providing education and training Technical University of Cluj-Napoca  
Level in national or international classification Energy Audit – Construction – Grade I

Dates 1997  
Title of qualification awarded Ph.D. in Mechanical Engineering  
Name and type of organisation providing education and training Technical University of Cluj-Napoca

Dates 1989  
Title of qualification awarded Analyst and software developer  
Name and type of organisation providing education and training Staff Training Centre in IT, Computing and Consulting of Cluj-Napoca

Dates 1988  
Title of qualification awarded Mechanical Engineer – Thermal Engineering  
Name and type of organisation providing education and training „Dunarea de Jos” University of Galați

Dates 1982  
Title of qualification awarded BAC  
Name and type of organisation providing education and training Height School of Food Industry Cluj-Napoca

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
<i>European level</i>					
<b>English</b>	Advanced user	Advanced user	Advanced user	Advanced user	Advanced user
<b>French</b>	Advanced user	Advanced user	Advanced user	Independent user	Independent user
<b>Spanish</b>	Beginner	Beginner	Beginner	Beginner	Beginner

Social skills and competences	<p>Perfect integration in international projects teams with participants from: France, Spain, Belgium, Germany</p> <p>Participation at stages abroad: University of Zaragoza - Spain; University "Paul Sabathier" Toulouse – France; University of Seville – Spain; International Institute of Refrigeration – France; Viessmann Co. – Germany; Emerson Climate Division of Welkenraedt – Belgium; Rotex - Germany</p>
Organisational skills and competences	<p>Organiser of two master programs: Renewable energy; Management of thermal energy</p> <p>Chief of Chair of Thermal Engineering: 2010 – 2011</p> <p>Vice dean of Faculty of Mechanics (TUCN) : 2002-2003</p> <p>Member in the School of Master Engineering board (TUCN) from 2008</p> <p>Organiser of Students Conference of Faculty of Mechanics (TUCN) in 2007 and 2011</p> <p>Responsible of courses in Oradea of the Academic School of Applied Informatics and Computer Science (TUCN) in 2002-2008</p> <p>Coordinator of a TEMPUS European Project with participation of 5 universities from Romania, France and Spain</p> <p>Coordinator of many Romanian research grants</p>
Technical skills and competences	<p>11 books</p> <p>66 papers of international relevance (WOS, WOS Proceedings or indexed databases)</p> <p>52 national research grants</p> <p>1 patent: RO 126148 B1</p> <p>3 patent requests</p>
Reviewer activity	<p>Reviewer for the international journals: Solar Energy; Applied Thermal Energy; Energy Conversion and Management; Energy; Sensors; Entropy (WOS Journals)</p>
Computer skills and competences	<p>Programming languages: Basic, Fortran, C++, HTML, JavaScript, PHP</p> <p>Operating systems: Windows, Linux</p> <p>Web design</p> <p>Web based databases administration</p>
Other skills and competences	<p>Price of originality – Romanian Society of Thermal Engineering (2007)</p>
Driving licence	B
<b>Annexes</b>	<p>Scientific papers</p> <p>Research activity</p>

Cluj-Napoca: 15.11.2021

Prof. Mugur C. BALAN

