

PERSONAL INFORMATION JALIU Codruța Ileana



✉ [cjaliu@unitbv.ro](mailto:cjaliu@unitbv.ro)

Sex Female |

Nationality Romanian

WORK EXPERIENCE

1991-present Assistant, Lecturer, Associate Professor, Professor (2003 – )  
 PhD Coordinator in Mechanical Engineering since 2010  
 Member of the evaluators group for Quality Assurance in Higher Education (2009 – )  
 Scientific secretary of Product Design and Robotics Department (1998-2000),  
 Deputy-Head of Product Design and Robotics Department (2000-2008),  
 Head of Product Design and Robotics Department (2008-2010)  
 Dean of Product Design and Environment Faculty (2010 - 2012), (2016 - )  
 Head of Product Design, Mechatronics and Environment Department (2011 - 2015)  
 Member in Doctoral School Council of UTBv (2011-2016)  
 Member in the Board of the Faculty of Technological Engineering (1996 – 2010)  
 Member in the Board of the Faculty of Product Design and Environment (2010 – 2016)  
 Transilvania University of Brasov, 29, Eroilor, 500036, Brasov  
 Teaching activities and research in mechanical systems, mechatronics, robotics, renewable energy systems;  
 As Dean and Head of Product Design, Mechatronics and Environment Department, the general responsibilities included the development of the faculty and department strategy in education, research and quality assurance;  
 Coordinator of the Industrial Design bachelor programs (taught in Romania and in English)  
 PhD Coordinator since 2010 (3 finalized PhD thesis and a post-doctoral program)  
 The experience in research includes participation in solving 44 National and International Funded Research Grants, 3 of them as coordinator (grant CNCSIS, A 1060 / 2005, grant PNII ID\_140/2007, Euromaint: European Maintenance: Professional skills for Maintenance Managers & Maintenance Engineers, Leonardo da Vinci Project NL/06/B/P/PP/157604, 2006 – 2008)  
*Business or sector* Research and Education

1987 - 1991 Engineer  
 Toolmaker's shop  
 CARFIL S.A.  
*Business or sector* Production

EDUCATION AND TRAINING

2016 Graduation certificate  
 GLOBAL CERTIFICATION ROMANIA  
 Revision ISO 9001:2015 – Risk Management new approach and requirements

2002 Graduation certificate  
  
 Transilvania University of Brasov, 29, Eroilor, 500036, Brasov  
 Informatics applied in engineering  
 Post-graduate course

1993-1999 PhD diploma in Industrial Engineering field  
 Transilvania University of Brasov, 29, Eroilor, 500036, Brasov  
 Contribution to the optimization of vertebrate robots  
 Scientific qualification: Ph.D.

1982-1987 Engineer diploma, TCM (Machine building)  
 Transilvania University of Brasov, TCM Faculty  
 Competencies in mechanical and industrial engineering  
 University level

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	Proficient user	Proficient user	Proficient user	Proficient user	Proficient user
	C1				
Russian	Independent user	Independent user	Independent user	Independent user	Independent user
	B1				

German	Basic user user	Basic user	Basic user	Basic user	Basic user
A1					

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user

[Common European Framework of Reference for Languages](#)

**Communication skills**

Team work,; commitment to teaching and research activities carried out in a team, creative attitude and support for colleagues.

- Mediation skills: positive and active attitude.

- - Intercultural skills: experiences of study, teaching and living in several European countries (UK, Germany, France, Austria).

**Organisational / managerial skills**

Capacity to coordinate and manage teams, projects and budgets in academic environment, acquired / developed as a result of management positions held:

1998-2000: Scientific Secretary Department of Product Design and Robotics, Transilvania University of Brasov;

2000-2008: Deputy head of department, Department of Product Design and Robotics, Transilvania University of Brasov;

2008-2010: Head of Product Design and Robotics Department, Transylvania University of Brasov;

2010 – 2012: Dean of Product Design and Environment Faculty

2011 – 2015: Head of Product Design, Mechatronics and Environment Department

2016 - : Dean of Product Design and Environment Faculty

Member in 44 Research project teams, 3 coordinated projects / grants

2006-2008: Local coordinator of the Leonardo da Vinci pilot project "EUROMAINT, ref.no. NL/06/B/P/PP/157604 " Euromaint: European Maintenance: Professional skills for Maintenance Managers & Maintenance Engineers

Vice-president of Brasov branch of ARoTMM (2005 – 2013)

Senior editor of the Bulletin of Transilvania University of Brasov – Series I.

Organizer of the international conferences SYROM (2009, 2013), CSE, (2008, 2011, 2014),

PRASIC (1998, 2002, 2006), National Seminar of Mechanisms (2006) – Braşov, Romania

Reviewer at ISI journals and international conferences

**Job-related skills**

Teaching and scientific research in the fields of Mechanical Engineering, Renewable Energy Systems and Mechatronics;

Quality evaluation and assurance in the higher education

Teaching mobility in U.K., Germany, Austria

Specialization in robotics (U.K.), France (quality management), Germany (mechatronics), Austria (small hydropower plants)

Driving licence B

#### ADDITIONAL INFORMATION

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**Publications** 9 monographs, 3 teaching manuals, 156 scientific papers.

**Projects** Participation in 44 projects / grants

**Memberships** Member of the Romanian Association for Mechanism and Machine Science (ARoTMM) and of IFToMM  
Funding Member of the Romanian Association for Small Hydropower (ROSHA);  
Member of the Romanian Association for Mechanical Transmissions ROAMET

**Patents** 5 patents

**Awards** 2015 Award of the Romanian Academy for the monograph *The Role of Mechanisms in Renewable Energy Systems* (as co-author)

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