

PERSONAL INFORMATION

SCUTARU Maria Luminița



Str. Politehnicii nr.1, sala NP1, 500024 - Brasov, Romania

+40 268 418992

iscutaru@unitbv.ro

|Sex Female || Nationality Român

JOB POSITION WITHIN IOSUD
-UNITBV

PhD coordinator

Scientific field - Mechanical Engineering

EXPERTISE FIELD / RESEARCH
INTEREST AREAS

Multibody systems, Systems dynamics, Analytical mechanics, Innovative materials

WORK EXPERIENCE

2016- present University Professor - Ph.D.Coordinator
2014-2016 University Associate Professor
2005-2014 University Lecturer
2000-2005 University Assistant
1998-2000 University Junior Assistant

Transilvania University of Brasov, B-dul Eroilor nr. 29, 500283 Braşov, România, www.unitbv.ro, Faculty of Mechanical Engineering, Department of Mechanical Engineering

- Teaching lectures, laboratory and project activities, scientific research
- Business or sector: education and scientific research

2019-present Head of Mechanical Engineering Department

Transilvania University of Brasov, B-dul Eroilor nr. 29, 500283 Braşov, România, www.unitbv.ro, Faculty of Mechanical Engineering, Department of Mechanical Engineering,

Business or sector: management, education and scientific research

2017-present Coordinator of the Quality Assurance Office

Transilvania University of Brasov, B-dul Eroilor nr. 29, 500283 Braşov, România, www.unitbv.ro,

- Assuring the appropriate framework for carrying on the academic activities evaluation and coordination of the evaluation process
- Assuring coordination of study activities, analyzes and reports on quality assurance

Business or sector: evaluation and quality assurance in higher education

2016-2022 Coordinator of the master's degree program STIM -IFR

Transilvania University of Brasov, B-dul Eroilor nr. 29, 500283 Braşov, România, www.unitbv.ro,

▪ Management of IFR activities at the faculty level;

Business or sector education, higher education

2013-present Coordinator of bachelor degree program IM-IFR

Transilvania University of Brasov, B-dul Eroilor nr. 29, 500283 Braşov, România, www.unitbv.ro,

▪ Management of IFR activities at the faculty level ;

Business or sector education, higher education

EDUCATION AND TRAINING

2015 Certificate of ability in field of Mechanical Engineering

Transilvania University of Brasov, B-dul Eroilor nr. 29, 500283 Braşov, România, www.unitbv.ro,

Skills in the field of scientific research

2014 Attestation certificate of professional competencies

Transilvania University of Brasov, B-dul Eroilor nr. 29, 500283 Braşov, România, www.unitbv.ro,

Blended-learning training technologies and modern educational technologies for university education

2010-2013 Postdoctorat - POSTDOC-DD, ID59323

Transilvania University of Brasov, B-dul Eroilor nr. 29, 500283 Braşov, România, www.unitbv.ro, Faculty of Mechanical Engineering

Research activity in the field of composite materials with application in field of mechanical engineering

2009-2014 Ph.D. in Engineering Science, field of Mechanical Engineering

Level 8 EQF

Universitatea Transilvania din Braşov, Facultatea de Inginerie Mecanică

▪ Skills in the field of scientific research

2006-2008 Master in Mechanical Engineering

Level 7 EQF

Universitatea Transilvania din Braşov, Facultatea de Inginerie Mecanică

▪ Skills in the field of scientific research

1998-2006 Ph.D. in Engineering Science, field of Industrial Engineering

Level 8 EQF

Universitatea Transilvania din Braşov, Facultatea de Industrializarea Lemnului

▪ Skills in the field of scientific research

1992-1997 Engineer

Level 6 EQF

Universitatea Transilvania din Braşov, Facultatea de Industrializarea Lemnului

▪ Forestry skills

PERSONAL SKILLS

Mother Language

Romanian

Other Language

UNDERSTANDING

SPEAKING

WRITING

	Listening	Reading	Spoken Interaction	Spoken production
Limba engleză	B2 independent user	B2 independent user	B2 independent user	B2 independent user
Communication skills	<p>Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user Common European Framework of Reference for Languages</p> <p>Good communication skills gained through personal experience as university professor, management experience and that of participant in many project teams at national and international level;</p> <p>Mediation skills: positive and active attitude, within the activities carried out as a member in research teams and project coordinator</p>			
Organisational /managerial skills	<p>Good organizational / managerial skills trained on the basis of the experience gained as coordinator of study programs but also as coordinator of DAC (Quality Assurance Office)</p> <p>Good organizational / managerial skills trained on the basis of experience gained as a coordinator of scientific research project</p>			
Computer skills	good command of e-office tools, internet , Matlab, linear and non-linear multi-scale material modelling			
Post-graduate courses and other training	<p>8-12 sept. 2008, Computational and Experimental Mechanics of Advanced Materials, Udine, ITALIA</p> <p>19-23 nov. 2007, Optical Measuring Techniques GOM, Braunschweig, GERMANIA</p> <p>9-12. dec. 2006, Strain Gage Installation Workshop, Darmstadt, GERMANIA</p> <p>23 -27 oct. 2006, Dynamical Analysis of Vehicle System- Theoretical Foundations and Advanced Applications, Udine, ITALIA</p>			
Professional associations affiliation	<p>EUROMECH – 2006</p> <p>SMRTA – 2014</p> <p>ARMR -2023</p> <p>AGIR - 2024</p>			
Other skills	<ul style="list-style-type: none"> Member of the organizing committee of the International Conferences COMEC(2005,2007,2009, 2011, 2013, 2015, 2017, 2019,) COMAT (2006, 2008, 2010, 2012, 2014, 2016, 2018) Organizer of the 9th International Conference an Advanced Composite Materials Engineering – COMAT 2022, 2024 and COMEC 2021, 2023 Organizer of the National Session of Student Scientific Communications SSING 2020, SSING 2021, SSING 2022, SSING 2023, SSING 2024, SSING 2025 April/Mai in Brasov Organizer of the 2nd International Summer School on Sustainability SuSus 2023 - from Biodiversity to Energy, Biomechanical and Artificial Intelligence, 24-28 July 2023, Braşov Organizer of the National Student Competition in Mechanics, 15-17 mai 2023, Basov Organizer of the National Student Competition in Mechanics, 08-09 mai 2025, Basov Coordinator of the Mechanical Engineering program – Bachelor Studies IM-IFR (2013-present) Coordinator of the Mechanical Engineering program – Master Studies (2016-present) Member of the Faculty Council (febr.2016-present) Member of the Senat of University (sept. 2016-present) Coordinator of the Quality Assurance Office - DAC (oct.2017-present) Member in Council for Doctoral University Studies (2020-present) 			

Driving licence ▪ B

ADDITIONAL INFORMATION

Publications ▪ Author and co-author of over 25 specialty books
▪ Author and co - author in over 100 scientific papers in the field of mechanics and composites (90 paperes in ISI journals)

Indici Hirsch IndiceHISI: 16
IndiceHScopus: 17
IndiceHGS: 18

Annex Selected scientific papers/books/chapters in international books

Last up-date:
May 2025

Prof.hab.dr.ing.M.L.SCUTARU