

PERSONAL INFORMATION

COSTIUC Liviu



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🌐 www.unitbv.ro/imec



Sex M | Date of birth | Nationality Romanian

POSITION

Academic Education / Research

WORK EXPERIENCE

Period 2023 - now
PhD Advisor

2017- now
Vice-Dean of Mechanical Engineering Faculty

2025
Professor
Universitatea Transilvania din Braşov / www.unitbv.ro .

Main activities and responsibilities

Teaching activities, laboratory works, lecture and projects in the field of mechanical engineering, thermodynamics and heat transfer, transfer phenomena, physics.

2002 - 2024

Associate Professor

Universitatea Transilvania din Braşov / www.unitbv.ro .

Main activities and responsibilities

Teaching activities, laboratory works, lecture and projects in the field of mechanical engineering, thermodynamics and heat transfer, transfer phenomena, physics,

1990 - 2002

Lecturer/Associate Professor

Universitatea Dunărea de Jos din Galaţi / www.ugal.ro

Main activities and responsibilities

Teaching activities, laboratory works, lecture and projects in the field of mechanical engineering, thermodynamics and heat transfer, transfer phenomena, Computer programming.

EDUCATION AND TRAINING

Period 2023-now
Hability Certificate in Mechanical Engineering field
Universitatea Transilvania din Braşov, B-dul Eroilor nr. 29, 500283 Braşov, România, www.unitbv.ro

Dec. 2006-Mar.2007 Certificate nr.0109/12.05.2007 teaching professor
Energy Management/ Pilot Project Leonardo da Vinci-COMLETE.
Universitatea TRANSILVANIA din Braşov . Pilot Project RO/04/B/F/PP-175016

Curriculum Vitae

- 1994-1999 PhD in Mechanical Engineering, **EQF 8**
PhD Diploma cf. OMEN no.3772 from 05-05-1999.
Universitatea Dunărea de Jos din Galați / www.ugal.ro
- 1985-1990 Mechanical Engineering graduate **EQF 6**
Diploma in the field of Thermal Machines and Refrigerating plants
Universitatea Dunărea de Jos din Galați / www.ugal.ro

PERSONAL SKILLS

Mother tongue Romanian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
French	B1	B1	B1	B1	B1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2: Proficient user

Communication skills

- Good communication skills gained through my experience as teaching professor (since 1990), vice Dean of the faculty (since 2017)

Organizational / managerial skills

- leadership (currently Vice-Dean of the Faculty responsible for students)

Job-related skills

- good command of quality control processes (former responsible for quality audit)

Digital skills

- Proficient user of Microsoft Office™, Matlab, Simulink, Comsol, XFLOW, Equation Engineering Solver

Driving licence

- B

INFORMATII SUPLIMENTARE

Publications books published in national publishers 10

- no of papers: ISI 7, SCOPUS 10
 - no of papers in BDI 24
 - no of papers in conferences volumes 26
1. Costiuc I., Chiru A., **Costiuc L.**, A Review of Engine's Performance When Supercharging by a PressureWave Supercharger, *Energies*, 2022, **15(8)**, 2721, (IF-2021=3.252, SRI2020=0.598), <https://www.mdpi.com/1996-1073/15/8/2721>
 2. Baltes L., **Costiuc L.**, Pațachia S., Țierean H.M., *Differential Scanning Calorimetry as a tool for determination of morphological features of the recycled polypropylene*, *Journal of Thermal Analysis and Calorimetry*, **138**, 2399-2408 (2019), (IF-2021=4.755, Q1, SRI2020=0.876), DOI: 10.1007/s10973-019-08679-7, WOS:000499703500004, <https://link.springer.com/article/10.1007/s10973-019-08679-7>
 3. **Costiuc L.**, M. Țierean, L. Baltes, S. Pațachia, *Research on the Heat of Combustion of the Plastic Waste Materials*, *Environmental Engineering & Management Journal*, **14(6)**, (2015), pp.1295-1302, DOI: 10.30638/eemj.2015.140, WOS:000360500200007 http://www.eemj.icpm.tuiasi.ro/pdfs/vol14/no6/7_1025_Costiuc_14.pdf

4. **Costiuc L.**, L. Baltes, S. Patachia, M. Tierean, A. Lunguleasa, *Influence of reprocessing by melt-mixing and thermo-formation of polyolefin fractions, separated from wastes on their calorific power*, Bulgarian Chemical Communications, Vol.**50**, 2018, pp.165-171, ISSN:0324-1130, BDI: **SCOPUS, indexata ISI in 2018**
http://www.bcc.bas.bg/bcc_volumes/Volume_50_Special_G_2018/50G_PD_165-171.24.pdf
5. Georgescu, S.-V., Coşoreanu, C., Fotin, A., Brenci, L.M., **Costiuc, L.**, *Experimental thermal characterization of timber frame exterior wall using reed strains as heat insulation materials*, Journal of Thermal Analysis and Calorimetry, **138**, (2019), DOI: 10.1007/s10973-019-08325-2, (IF-2021=4.755, Q1, SRI-2020=0,876),
<https://doi.org/10.1007/s10973-019-08325-2>.

Projects

Manager:

- FSE Grant POSDRU/22/2.1/G/40291, 2010-2012, beneficiary Universitatea Transilvania din Braşov
- Contract UTBv nr.8771/12.07.2018, Donor: TATA Technologies

Member of team:

- Contract CNCIS 6GR/2007-2008
- Magnetic Sorting and Ultrasound Sensor Technologies of High Purity Secondary Polyolefins from Waste", Grant FP 7, W2Plastics, Nr 212782, 2009-2013.
- Grant ANCS 152EU/2011, Project FP7 "Magnetic Sorting and Ultrasound sensor Technologies for Production of High Purity Secondary polyolefins from Waste".

Liviu Costiuc

01 01 2025

Semnătura: