

CURRICULUM VITAE

Personal Information

Name: Dorin-Ion DUMITRAȘCU

Address: Str. Politehnicii no. 1, Brașov, Romania

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Current Employment

Position: Associate Professor

Employer: Transilvania University of Brașov

Department: Faculty of Mechanical Engineering, Department of Automotive and Transport Engineering

Fields of Expertise / Research Interests

- Internal combustion engines: processes and characteristics
- Fuels and lubricants
- Project management
- Quality assurance in the automotive industry
- Multimodal transport
- Road safety
- Computer-aided design
- Vehicle system design and testing

Professional Experience

- **Since 2018** – Associate Professor, Transilvania University of Brașov
- **2007–2018** – Senior Lecturer, Transilvania University of Brașov
- **2004–2007** – University Assistant, Transilvania University of Brașov
- **2002–2004** – Teaching Assistant, Transilvania University of Brașov
- **Since 2015** – Master's Program Coordinator, "Motor Vehicles and Future Technologies"
- **2001–2002** – PhD Researcher
- **Since 2011** – Judicial Technical Expert, Ministry of Justice
- **2007–2009** – Design Engineer, C-CON SRL Brașov (CATIA V5)
- **2006** – Project Manager & Design Engineer, Caditec SRL Brașov

Education and Training

- **2011** – PhD in Mechanical Engineering, Transilvania University of Braşov (ISCED 8)
- **2001–2002** – Postgraduate Studies: Optimization Techniques in Human-Vehicle-Road Systems (ISCED 7)
- **1996–2001** – Engineer Degree in Road Vehicles, Transilvania University of Braşov (ISCED 6)

Certifications / Specialization

- **2012, 2017, 2023, 2025** – Certificate in Road Accident Analysis and Reconstruction, DSD Linz, Austria

Language Skills**Language Understanding Speaking Writing**

English Advanced Advanced Advanced

French Intermediate Intermediate Intermediate

Digital Competence

- Microsoft Office (Word, Excel, PowerPoint, Project Management)
- Engineering software: CATIA V5, ProEngineer, AutoCAD, MathCAD, PC-Crash

Additional Information

- National research projects through competition
- Published books and teaching materials
- Indexed articles in WOS and other databases
- Member of scientific committees at national/international events
- Management and evaluation experience in research and education
- National awards in the field, UEFISCDI recognitions

Data,
09.12.2024

Assoc. Prof. DUMITRASCU Dorin-Ion