

PERSONAL INFORMATION

Stelian Tarulescu



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Sex Male | Date of birth | Nationality Romanian

WORK EXPERIENCE

Occupation or position held
Employer's name and locality
Date
Activities and responsibilities
Area of activities

University Associate Professor

- Transilvania University of Braşov, Department of Motor Vehicles and Transportation
- since 2018, Lectures, coordination of BSc and MSc projects, research activities
- Teaching and research activities in the fields of automotive engineering, transport, vehicle pollution and environment

Senior Lecturer

- Transilvania University of Braşov, Department of Motor Vehicles and Transportation
- 2009-2018, Lectures, coordination of BSc and MSc projects, research activities
- Teaching and research activities in the fields of automotive engineering, transport, vehicle pollution and environment

Lecturer

- Transilvania University of Braşov, Department of Motor Vehicles and Transportation
- 2006 - 2009, Lectures, coordination of BSc projects, research activities
- Teaching and research activities in the fields of automotive engineering, transport, vehicle pollution and environment

Associate Lecturer

- Transilvania University of Braşov, Department of Motor Vehicles and Transportation
- 2002 -2006, Lectures
- Teaching activities in the fields of automotive engineering, vehicle pollution and environment

EDUCATION AND TRAINING

Date
Qualification awarded
Training organisation name and locality

Ph D Degree

2002-2009
Thesis title - Studies and research on the influence of urban road traffic on pollutant emissions - Mechanical Engineering Domain, Series G. Nr. 0001853, Ministry of Education, Research and Innovation, Transilvania University of Brasov, Romania
Transilvania University of Braşov

Postgraduate degree

2002 -2003
Vehicle and environment
Transilvania University of Braşov

Engineer degree

1997-2002
Road Vehicles
Transilvania University of Braşov

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

English language

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
Basic user - B2	Basic user - B2	Basic user - B2	Basic user - B2	Basic user - B2
Replace with name of language certificate. Enter level if known.				

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills Sociable, familiar with working in teams, involved and resolute when fulfilling various tasks

Organisational / managerial skills

- Since 2019 - Head of High Tech Products for Automotives Research Center, from Transilvania University of Brasov Research and Development Institute, <https://icdt.unitbv.ro/centre-de-cercetare/produse-high-tech-pentru-autovehicule.html>
- 2020 - 2021 - Coordinator of the UNITBV Project Management Office.
- Since 2019 - Member of the Board of Directors of Intelligent Transport Systems Romania (ITS), <https://www.its-romania.ro/ro/about>.
- UNITBV coordinator of activities on Sustainable Urban Mobility.
- Since 2019 - UNITBV representative in the Smart Mobility Alliance of the Metropolitan Area of Brasov.
- Since 2016 - Coordinator of the Master's Degree Program: Road Safety and Interaction with the Environment, within UNITBV.
- Since 2015 - Expert accessing European structural and cohesion funds - Graduation certificate, N Series, Nr. 00270858, Ministry of Labour, Family, Social Protection and Older Persons.
- 2012 - 2020 - Responsible for the implementation of the internal managerial control of the Department of Vehicles and Transports from the Faculty of Mechanical Engineering of the Transilvania University of Braşov.
- 2006 - Graduate of the program: New Strategies of COMPetence Aquisition for Lifelong in Energy – Transport – Environment Engineering, Pilot Project RO/04/B/F/PP – 175016, No. 041/23.06.2006, Universitatea Transilvania din Brasov, Romania.

Job-related skills

- 2013 - 2019 - Head of the Internal Combustion Engine Testing Laboratory within the Research Center of the Faculty of Mechanical Engineering, C02A- High tech products for automobiles within the Development Research Institute of Transilvania University of Braşov.
- 2018 - 2019 Expert in the field of transport for Project no. 39 / 04.07.2018, "Framework agreement for services for evaluating financing applications submitted under the Regional Operational Program 2014 - 2020 in the Western Region", Subsequent contract no. 2 / no. Reg. 54 / 25.09.2018.
- 2013 - present - Responsible for the acquisition of equipment within the C02 HIGH-TECH Products Center for vehicles within the Development Research Institute.

Computer skills

- good command of Ms Office, Autocad, MathCAD.

Other skills

- 2009 - Mentor - Graduation Certificate, G Series, Nr. 00011326, Ministry of Education, Research and Innovation, organized by Zece Plus, Oneşti, Romania;
- 2009 - Pedagogical module - Graduation certificate, Series G. Nr. 002527, Ministry of Education, Research and Youth, Transilvania University of Brasov, Romania;
- 2009 - Trainer - Graduation Certificate, Series F, Nr. 0169146, Ministry of Education, Research and Youth, organized by Zece Plus, Oneşti, Romania

Driving licence

- Driving licence B category

ADDITIONAL INFORMATION

Publications

Main recent publications:

1. Marine Ship Equipped with Air Turbine - Electric Generator Aggregate
link:<http://www.smat2019.ro/index.php/smat/2019>.
2. On-board measurement of emissions from spark ignition engine vehicle for urban routes
.link:<http://www.smat2019.ro/index.php/smat/2019>.
3. Capacity and Traffic Performance Depending on Intersections Design link:<http://www.amma2018.ro>
<http://www.amma2018.ro>.
4. Reducing Diesel Emissions by Using a Catalytic Solution
link:<http://www.amma2018.ro/index.php/amma/2018/paper/view/120>.
5. Study of school bus transportation system for Cernavoda city
link:<http://www.amma2018.ro/index.php/amma/2018/paper/view/36>

Projects

Director in sustainable urban mobility projects at national and local level (3058 / 22.03.2019, Solutions and measures regarding the systematization of traffic on the AUTOLIV Brasov Platform; 7281 / 14.06.2018, Study on the adaptation of urban space and civil buildings to the individual needs of people with handicap; 9239 / 07.08.2017, Road traffic study for the city of Cernavoda; 1755 / 16.02.2017, Introduction of intelligent and ecological urban transport system in the city of Ghimbav. Routes and infrastructure for electric transport; 12845 / 14.10.2016, Parameter study of energy efficiency at the level of the local strategy and the SEAP for the city of Ghimbav; 2842 from 14.03.2016, Sustainable urban mobility plan of the city of Ghimbav; 10496 from 14.09.2015, Mobility study on the road traffic of the city of Ghimbav).