



## PERSONAL INFORMATION

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JOB POSITION  
WORK EXPERIENCE

## Associate Professor in Industrial Engineering

2007 – 2016 Lecturer  
2003 – 2007 Assistant professor  
2000 – 2003 Laboratory assistant

Name and address of the employer **University of Pitesti, Faculty of Mechanics and Technology,  
Department of Technology and Management  
1 Targul din Vale Street**

Type or sector of activity University education

UNIVERSITY MANAGEMENT

### Head of Department Manufacturing and Industrial Management

Period 2019-present  
Function or position held **Senate member** of University of Pitești  
Period may 2016 – octomber 2019  
Function or position held **Vice-dean**, Faculty of Mechanic and Tehnology  
Period 2012 - 2016  
Function or position held **Council head** of "Manufacturing Specialty Disciplines" within the Manufacturing and Industrial Management department

Name and address of the employer University of Pitesti, Faculty of Mechanics and Technology,  
Department of Technology and Management  
1 Targul din Vale Street

EDUCATION AND TRAINING

### Doctor of Industrial Engineering and Mechanics

PhD

University of Pitesti /University of Metz

2000 - 2002 **Franco-Romanian Master of "Science and technology of materials"** MSc

University of Pitesti, Faculty of Mechanics and Technology  
University of Metz, Laboratory of Physics and Mechanics of Materials

1995 - 2000 **Bachelor of Industrial Engineering**

BSc

University of Pitesti, Faculty of Mechanics and Technology

Period **2002, 2005, 2009, 2010, 2013, 2014, 2015, 2016, 2017, 2019**

Basic topics / accumulated competencies *Training internships*

Name and the type of educational institution / training provide University of Metz, Laboratory of Physics and Mechanics of Materials, France

Period **june 2018**

Name and the type of educational institution / training provider University ENSTA Bretagne, Brest, France

**PERSONAL SKILLS**

Mother tongue(s) - Romanian language	Romanian	Understanding		Speaking	Writing	
		Listening	Reading	Participation at conversation	Speech	written expression
Other language(s)						
	<b>French</b>	B2	B1	B2	B1	B2
	<b>English</b>	A2	A2	A2	A1	A2

- Communication skills**
- Communication skills.
  - Good communication skills gained through experience as manager as Vice Dean of Faculty, Head of Department

- Job-related skills**
- Teaching
  - Managerial (managing the faculty staff, department staff and students in daily basis)
  - Good command of quality control processes
  - Collaboration with industry and other institutions

**RESEARCH PUBLICATIONS**

- 98 articles published in specialized journals in the country and abroad (of which 5 articles in ISI-listed international journals, 17 articles in ISI Proceedings, 52 articles are published in indexed journals in databases of which 22 as first author, 24 articles in Romanian national magazines);
- 17 articles published in the volumes of national or international conferences held in the country or abroad.
- 4 patent approved ( 2-2013, 1-2017, 1-2020)

**UNIVERSITY PUBLICATIONS**

- 3 published speciality books ( in romanian)
- 11 published university textbooks:

**RESEARCH PROJECTS***Management*

- 2019-2020 manager of the international project Modeling and numerical simulation of the friction stir welding-FSW, PN-III-P3-3.1-PM-RO- FR-2019-0048
- 2018-2020 UPIT manager of the research project Incremental deformation processing of parts in the automotive industry, Code PN-III-P1-1.2-PCCDI-2017-0446
- 2014-2017 manager for the research project "Innovative, ecological and efficient technologies for joining metallic and polymeric materials used in the automotive industry, using the technique of friction stir welding (Inova-FSW)", contract no. 219/2014, in collaboration with ISIM Timisoara, Univ. Timisoara and Renault Technology Roumanie
- 2016-2018 manager for the international project Soutien aux formations francophones, Bureau Europe Centrale et Orientale, Agence Universitaire de la Francophonie,

*Member of the project team*

- 2018-2020 member of the research team of the project Research on the implementation of Artificial Intelligence in the design of automotive components, for manufacturing 3D Printing, Code PN-III-P1-1.2-PCCDI-2017-0224
- member of the research team for 2 national contracts (Analytical and numerical modeling of processing processes by cold volumetric plastic deformation of complex profiles 2009-2011) and for 1 international contract (Experimental characterization and numerical modeling of the rolling of complex profiles 2009- 2010);
- 2019, coordinator of program establishment within the POCU project 2014-2020 "Insertion on the labor market - the vector of tertiary education", SMIS Code 2014+: 121221
- 2015, short-term expert in the project "Increasing the integration capacity on the labor market of students and graduates through counseling and practical placements", Contract POSDRU 160 / 2.1 / S / 133020;
- 2015, long-term expert in the project "Sustainable performance in doctoral and post-doctoral research" - PERFORM, Contract POSDRU 138963/2014.

- Research themes**
- Friction Stir Welding;
  - Manufacturing devices
  - FEM of cold plastic deformation processes with Abaqus /CAE;
  - CLD and CLF;
  - FEM of deep-drawing with Abaqus /CAE.

- Reviewer**
- Journal of Engineering Manufacture; Proceedings of the Institution of Mechanical Engineers, Part B: Journal of Engineering Manufacture; Journal of Alloys and Compounds; Journal of Applied and Computational Mechanics; Advances in Mechanical Engineering; Advanced Materials Research
  - ModTech International Conference - Modern Technologies in Industrial Engineering; International Conference "Innovative Technologies for Joining Advanced Materials; Innovative Manufacturing Engineering & Energy - IManEE, International Conference; Structural Integrity of Welded Structures - ISCS17, Timișoara, Romania; International Conference on Advanced Manufacturing Technologies - ICAMaT

**Scientific Conference Committees:** ModTech International Conference - Modern Technologies in Industrial Engineering; International Conference "Innovative Technologies for Joining Advanced Materials; Innovative Manufacturing Engineering & Energy - IManEE, International Conference; Structural Integrity of Welded Structures - ISCS17, Timișoara, Romania; International Conference on Advanced Manufacturing Technologies - ICAMaT

**Publication metrics** Citations: 41 (26 web of science); h-index: 2; Web of science publications:27

**Membership and activities in professional associations** Modern Technologies in Industrial Engineering - professional association Iasi-Romania (ModTech)  
General Association of Engineers in Romania (AGIR)  
Society of Automobile Engineers of Romania (SIAR)  
French Society of Automotive Engineers (SIA)

01/11/2020