Curriculum vitae

Personal informations

SURNAME, First Names

NIŢU Eduard Laurenţiu

Address | PITEŞTI, JUD. ARGEŞ

Phone 0348 453 159

E-mail | eduard.nitu@upit.ro

Nationality Romanian

Date of birth 16 August 1967

Present workplace University of Piteşti

Occupational field | Higher Education

ORCID / December of the Draftle | and 10000 0000 4574 2400 /

ORCID / ResearchGate Profile | orcid.org/0000-0003-4571-3488 / www.researchgate.net/profile/Eduard-Laurentiu-Nitu-2

Education and training

Period 1994 / March 1996 - March 2000

Title of qualification awarded | PhD in Industrial Engineering / Science and Materials Engineering

Principal subjects / Occupational skills covered the material by scanning electron microscopy and X-ray diffraction

Name and type of organisation providing education and training University Politehnica of Bucureşti / Institut National Polytechnique de Toulouse & Centre d'Etude des Matériaux et d'Elaboration Structurelles de Toulouse

Period 1986 - 1991

Title of qualification awarded | Mechanical Engineer

Principal subjects / Manufacturing Engineering Specialization occupational skills covered

Name and type of organisation providing education and training Polytechnic Institute of Bucharest, Faculty of Manufacturing Engineering

Work experience

Period | 2016 - 2020

Occupation or position held Vice-rector for scientific research and informatization

Main activities and responsibilities | Administration and Educational Management

Name of employer University of Piteşti

Type of business or activity sector | Higher Education

Period 2008 - 2011 / 2011 - 2016

Occupation or position held Head of Technology and Management Chair / Manufacturing and Industrial Management Department

Main activities and responsibilities | Administration and Educational Management

Name and address of employer University of Piteşti

Type of business or activity sector Higher Education

Period 3-6.09.2019, 3-7.05.2017, 9-13.05.2016, 30.03-3.04.2015, 7-11.04.2014, 17-22.06.2013, 10-14.09.2012

Occupation or position held | Visiting Professor / ERASMUS teaching

Main activities and responsibilities | Educational activities: Génie des Systèmes Industriels - master

Name of employer Université de Lorraine, Laboratoire de Génie Industriel, de Production et Maintenances - Metz

Type of business or activity sector | Higher Education

Period 23-25.06.2014 / 12-15.06.2018 / 27.10-01.11.2019 / 24-28.10.2021

Occupation or position held | Visiting Professor / Visiting researcher

Main activities and responsibilities | Teaching and research collaboration: Laboratoire Brestois de Mécanique et des Systèmes

Name and address of employer | Ecole Nationale Superieure de Techniques Avancees Bretagne

Type of business or activity sector | Higher Education

Period | May 2010 and May 2009

Occupation or position held Visiting researcher

Main activities and responsibilities | Scientific research: Characterization of the plastic deformation behavior of materials & Numerical

simulation of plastic deformation processes

Name of employer | Université Paul Verlaine de Metz, Laboratoire de Physique de Materiaux et Mecanique

Type of business or activity sector | Higher education, Scientific research



Period

Since February 2016 / 2004 – 2016 / 1999 – 2004 / 1994 – 1999 / 1991 - 1994

Occupation or position held Main activities and responsibilities

Professor / Associate professor / Lecturer / Assistant Professor / University tutor

- Teaching activities at the disciplines: Manufacturing technology, Engineering and management of production systems, Production and inventory management, Implantation of the flows logistics
- Scientific research in the fields: Manufacturing technology, Production systems management
- Mentoring projects graduation and dissertation thesis & President / member of the graduation committee for the specialization TCM and IEI (license) and ML (Master)
- · PhD coordinator in Industrial Engineering

Name of employer Type of business or activity sector University of Piteşti

Higher education

Scientific activity

Doctoral supervisor Fields of Research

Industrial engineering domain – from 2015

Manufacturing technology (processes and processing equipment, numerical modeling); Layout, modeling and simulation of production systems; Lean manufacturing

Didactical and specialized books
Scientific papers

14 specialized books (4 as first author and 4 as editor) și 10 didactical books (9 as first author)

Over 150 articles published in scientific journals or in international / national conference proceedings, including 45 papers in ISI journals or indexed ISI proceedings (3 in Q2).

Patents

Contracts / Research Grants

Co-author of 4 patents (RO 126192-2014, RO 126193-2014, RO 130221-2017, RO 132503-2020)

- Responsible of the UPIT partner in the complex project "Intelligent manufacturing technologies for the advanced production of parts in the automotive and aeronautical industries", PN-III-P1-1.2-PCCDI-2017-0446, 2018-2020, no. 82 PCCDI2018, UEFISCDI beneficiary.
- Coordinator of the national research grant "Numerical and analytical modeling of the processing by cold volumetric plastic deformation of complex profiles", PN II-IDEI-PCE, 2009 - 2011, nb. 697 / 19.01.2009, CNCSIS beneficiary.
- Coordinator of the international research project "Experimental characterization and numerical modeling of complex profiles rolling", PN II Capacities (Romania-France), nb. 211/13.04.2009, ANCS beneficiary, project development during 2009-2010.
- Responsible for "Manufacturing CNC laboratory" within the "Regional Center for Research Development of materials, processes and innovative products for the automotive industry (CRC & D-AUTO)" POSCCE-A2-O2.2.1-2013-1, ID_1947, 2015, Beneficiary University of Pitesti.
- Member of the research team for the international project "Suppliers Portal to Research and Innovation in Transport", FP6 TSA4-CT-2005-015802, 2006 - 2007
- Short term expert in POSDRU / 159 / 1.5 / S / 138 963-PERFORM: Sustainable performance în doctoral and post doctoral research, 2015.
- Member of research teams from other 17 contracts / grants from national research, 1993-2021.

Skills and competences

native language Foreign languages

> Self-assessment European level

> > French English

Romanian

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production		Written expression	
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user

Social skills and competences

Organisational skills and competences

Technical skills and competences

Computer skills and competences

Very good communication and teamwork skills

Initiative, punctuality, good organizer, attention to detail, ability to make decisions, ambition, high capacity effort

Designing of the processes and processing equipments / Layout of the systems production / Lean manufacturing

Use of applications Microsoft Office, WIN QSB, IMPACT

Additional Information

- Member of the Society of Automotive Engineers in Romania (SIAR) from 2000
- Founding member of Managers and Engineers Economists in Romania (AMIER) from 2002
- Member of the Professional Association in Modern Manufacturing Technologies (ModTech) from 2011
- Member evaluator ARACIS from 2011
- Member of the "Scientific Committee" and reviewer at international scientific conferences: Innovative Manufacturing Engineering, International Conference on Advanced Manufacturing Technologies, Computing and Solutions in Manufacturing Engineering, New Technologies and Products in Machine Manufacturing Technologies, International Scientific-Technical Conference Manufacturing and others

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