



## PERSONAL INFORMATION

Daniela-Monica IORDACHE, Ph.D

+40348453160

[daniela.c.iordache@upb.ro](mailto:daniela.c.iordache@upb.ro)
[www.upit.ro](http://www.upit.ro);

## JOB POSITION

## Professor in Industrial Engineering

## WORK EXPERIENCE

Since 2022 - Habilitation to supervise Phd students

2016 – 2022 Associate Professor/ 2007 – 2016 Lecturer/ 2003 – 2007 Assistant professor

2000 – 2003 Laboratory assistant

Name and address of the employer **National University of Science and Technology POLITEHNICA Bucharest, 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

2019-present **Senate member** of University of Pitești /may 2016 – octomber 2019/ **Vice-dean**, Faculty of Mechanics and Technology University of Pitești,

## EDUCATION AND TRAINING

## Doctor of Industrial Engineering and Mechanics

Ph.D

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

2002, 2005, 2009, 2010, 2013, 2014, 2015, 2016, 2017, 2019, 2024

Training internships / University of Metz, Laboratory of Physics and Mechanics of Materials

2018, 2021, 2022, 2023

Training internships / University ENSTA Bretagne, Brest, France

## RESEARCH PUBLICATIONS

118 articles published in specialized journals in the country and abroad (of which 13 articles in ISI-listed international journals, 28 articles in ISI Proceedings, 61 articles are published in indexed journals in databases, 28 articles published in the volumes of national or international conferences held in the country or abroad, 6 patent approved ( 2-2013, 1-2017, 1-2020, 2-2022)

- 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, in collaboration with ENSTA Bretagne (France).

- 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 projet Soutien aux formations francophones, Bureau Europe Centrale et Orientale, Agence Universitaire de la Francophonie, in collaboration with ENSTA Bretagne and University of Metz (France)

- 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).

Web of Science Researcher ID: C-6155-2015/ Scopus ID: 57224450457

ORCID ID: <https://orcid.org/0000-0001-9739-8585><https://www.webofscience.com/wos/author/record/184710?state=%7B%7D>

## RESEARCH PROJECTS

## Management

## Member of the project team