



PERSONAL INFORMATION

Daniela-Monica IORDACHE, Ph.D

-  +40348453160
-  Skype: monica-iordache_1
-  daniela.c.iordache@upb.ro
-  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 Pitesti /
 may 2016 – octomber 2019/ **Vice-dean**, Faculty of Mechanics and Technology University of Pitesti,

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

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

Name and the type of educational institution /training provider Training internships / University of Metz, Laboratory of Physics and Mechanics of Materials

Period **2018, 2021, 2022, 2023**

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

RESEARCH PUBLICATIONS

118 articles published in specialized journals in the country and abroad (of which 9 articles in ISI-listed international journals, 28 articles in ISI Proceedings, 52 articles are published in indexed journals in databases, 17 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

- 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,

- 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**