

PERSONAL INFORMATION

Georgiana-Diana CHIOIBASU

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STUDIES APPLIED FOR

Doctoral dissertation

WORK EXPERIENCE

01.11.2018 - present

R&D EngineerNational Institute for Laser, Plasma and Radiation Physics, Magurele, Romania
Center for Advanced Laser Technologies – Laser Material Processing Laboratory

06.01.2014 – 31.10.2018

Research AssistantNational Institute for Laser, Plasma and Radiation Physics, Magurele, Romania
Center for Advanced Laser Technologies – Laser Material Processing Laboratory

07.11.2015 – 19.12.2015

COST MP1401 - Short Term Scientific Mission

Faculty of Mechanical Engineering, University of Ljubljana, Slovenia

07.2012 – 08.2012

Research Assistant – INTERNSHIP

National Institute of Materials Physics, Magurele, Romania

EDUCATION AND TRAINING

2016 – present

Doctorat in Exact SciencesUniversity "POLITEHNICA" of Bucharest, Romania
Doctoral School of Applied Sciences
Exact Sciences, Physics Department

2013 – 2015

Master degreeUniversity "POLITEHNICA" of Bucharest, Romania
Faculty of Engineering and Management of Technological Systems
Conception Intégrée des Systèmes Technologiques

2009 – 2013

EngineerUniversity "POLITEHNICA" of Bucharest, Romania
Faculty of Engineering and Management of Technological Systems
Machine-Tools and Production Systems

02.2013 – 06.2013

ERASMUS – Student Exchange Program

Ecole Nationale d'Ingénieurs de Tarbes, Tarbes (France)

French National Mechanical/Industrial Engineering School, Tarbes, France

Modules included: European Project SemesterSkills developed: Project Management skills, Team working, Communication and Inter-cultural skills

PERSONAL SKILLS

Mother language(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B2	B2	B2
Spanish	C1	B2	C1	C1	B1
French	A2	A2	A1	A1	A1

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user
Common European Framework of Reference for Languages

Communication skills Team spirit, ability to organize written and oral discourse, ability to take decisions under stress, capacity for analysis and synthesis, capacity to assimilate new information, willingness to participate in different activities, good communication skills, reliability, capacity adaptation enhanced skills gained in the implementation of projects in the group, especially during studies undertaken in France

Organisational / managerial skills

- Practical and organizational spirit;
- Attention, cooperation, goals, positive attitude, optimism;
- Teamwork, power, order and persuasion sense;
- Good experience of project management and team;
- Proper time management capability of performing a task;
- Ability to self-improvement.

Digital competence

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Proficient user	Proficient user	Basic user	Basic user	Basic user

Digital competences - Self-assessment grid

Experienced user of MS Office pack (Word, Excel, PowerPoint), Origin.
 Experienced user of CAD software: Solid Works, CATIA, AnSYS, Design – Expert.

Interests Traveling

Driving licence B

ADDITIONAL INFORMATION

Publications and patents

14 publications in international journals reviews or peer-reviewed conference proceedings;
20 oral presentations
Hirsch factor = 5 (according with Web of Science)
Patent demands: 3
Technology transfer: 1

Participation in International
Projects

POC G 135/2016: Noi tehnologii avansate de acoperire a suprafetelor folosind fascicul laser de mare putere in vederea cresterii fiabilitatii sf a performantelor materialelor- PRELAM

Participation in National
Projects

PCE 57/2021 (PN-III-P4-ID-PCE-2020-1634): Use of enhanced topology in engineering of additive manufactured parts made of composite materials
TE 136/2018 (PN-III-P1-1.1-TE-2016-2015): Laser welding monitored by high speed imaging and optical spectroscopy of aluminium metal matrix nanocomposites
PED 241/ 2017 (PN-III-P2-2.1-PED-2016-1309): 3D laser additive manufacturing of cranial metallic prostheses functionalized with bioactive ceramic coatings