

PERSONAL INFORMATION

**Alina-Mihaela CANTARAGIU (CEOROMILA)**

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Sex Female | Date of birth 17 November 1981 | Nationality Romanian

WORK EXPERIENCE

01.02.2016 – now

Assistant Lecturer at the Cross-Border Faculty, Applied Sciences Department at *Dunarea de Jos* University of Galati, Romania:- address: 47 Domneasca Street, 800008, Galati, Romania, www.ugal.ro

- responsabilites:

- Teaching courses and tutorial classes and seminars of: Physics; Biophysics; Biophysics and Agro-meteorology; Microscopy and Imaging Analysis for students from several specialties.
- Research activities in preparation and characterization of composite materials.
- Student's coordinator for scientific communication sessions within the General Sciences Department of the Border Faculty, *Dunarea de Jos* University of Galati, Romania.
- Student's coordinator for Bachelor's degree and Master degree thesis in Engineering field.

Business or sector: Higher Education

09.08.2012 – now

Engineer at the Electron Microscopy Laboratory from *Dunarea de Jos* University of Galati, Romania:- address: 47 Domneasca Street, 800008, Galati, Romania, www.ugal.ro

- responsabilites:

- Materials characterization: microstructure, morphology, topography and cross-sectional analysis of metallic, polymer, composite and biological samples by Scanning Electron Microscopy technique.
- Elementary structural analysis by Energy Dispersive X-Ray Spectroscopy technique.
- Collaborator/Research member for scientific/research projects in Engineering/Sciences field with different Institution from Romania.

Business or sector: Research

01.11.2010 – 30.08.2011

Physics teacher at the *Traian Vuia* Technical College, Galati, Romania

- address: 117 Anghel Saligny Street, 800488, Galati, Romania

- responsabilites:

- Teaching Physics classes to high school pupils.

Business or sector: High School Education

01.10.2009 – 30.07.2010

Associate Assistant at the Faculty of Sciences, Chemistry, Physics and Environment Department, *Dunarea de Jos* University of Galati, Romania:- address: 47 Domneasca Street, 800008, Galati, Romania, www.ugal.ro

- responsabilites:

- Teaching courses and tutorial classes of Biophysics for students from Medicine and Pharmacy Faculty, *Dunarea de Jos* University of Galati, Romania.
- Teaching courses and tutorial classes and seminars of Physics for students from Food Science and Engineering Faculty, *Dunarea de Jos* University of Galati, Romania.

EDUCATION AND TRAINING

September, 2020	<p>Postgraduated course at the Department of Continuing Education and Technological Transfer (DFCTT), <i>Dunarea de Jos</i> University of Galati, Romania</p> <p>”Managementul cercetării: Un nou început cu Dspace-CRIS (Research management: A new beginning with Dspace-CRIS)”, form of education – frequency.</p>
September, 2020	<p>Postgraduated course at the Department of Continuing Education and Technological Transfer (DFCTT), <i>Dunarea de Jos</i> University of Galati, Romania</p> <p>”Managementul calității în învățământul superior (Quality management in higher education)”, form of education – frequency.</p>
September, 2020	<p>Postgraduated course at the Department of Continuing Education and Technological Transfer (DFCTT), <i>Dunarea de Jos</i> University of Galati, Romania</p> <p>”Managementul referințelor bibliografice (Management of references)”, form of education – frequency.</p>
September, 2020	<p>Postgraduated course at the Department of Continuing Education and Technological Transfer (DFCTT), <i>Dunarea de Jos</i> University of Galati, Romania</p> <p>”Redactarea și publicarea articolelor științifice (Writing and publishing scientific papers)”, form of education – frequency, duration 40h, 4 credits ECTS.</p>
September, 2020	<p>Postgraduated course at the Department of Continuing Education and Technological Transfer (DFCTT), <i>Dunarea de Jos</i> University of Galati, Romania</p> <p>”Obținerea, protejarea și comercializarea drepturilor de proprietate industrială (Obtaining, protecting and marketing patent interests)”, form of education – frequency, duration 24h, 2 credits ECTS.</p>
September, 2020	<p>Postgraduated course at the Department of Continuing Education and Technological Transfer (DFCTT), <i>Dunarea de Jos</i> University of Galati, Romania</p> <p>”etică și deontologie academică (Ethics and academic deontology)”, form of education – frequency.</p>
September, 2020	<p>Postgraduated course at the Department of Continuing Education and Technological Transfer (DFCTT), <i>Dunarea de Jos</i> University of Galati, Romania</p> <p>”Inițiere în utilizarea aplicației MySMIS (Introduction to MySMIS application)”, form of education – frequency, duration 60h, 5 credits ECTS.</p>
September, 2019	<p>Postgraduated course at the Department of Continuing Education and Technological Transfer (DFCTT), <i>Dunarea de Jos</i> University of Galati, Romania</p> <p>”Innovative teaching strategies”, form of education – frequency, duration 24 h, 2 credits ECTS, competence certificate with maximum mark.</p>
01.05.2014 – 31.12.2015	<p>Postdoctoral researcher at the Faculty of Engineering, Department of Manufacturing Engineering, <i>Dunarea de Jos</i> University of Galati, Romania</p> <p>POSDRU 132397/2014 <i>Exceleță în cercetare prin burse doctorale și postdoctorale</i> (ExcelDOC); Domain – Industrial Engineering;</p>

Scientific coordinator: Ph. D. Prof. Catalin FETECAU
Thesis title: *Nanoindentation of Polymeric composite materials.*

- 2012 – 2013 **Linguistic competence certificate in English** at the Department of Continuing Education and Technological Transfer (DFCTT), *Dunarea de Jos* University of Galati, Romania. English Language Course, level B2
- July 2011 – March 2012 **Student within Flexible training program on mechatronic platforms (FLEXFORM - Program de formare profesională flexibilă pe platforme mecatronice)**, at the *Technical University* of Cluj-Napoca and *Dunarea de Jos* University of Galati, Romania
Priority axis – Education and training to society developed based knowledge Applied Informatics in education and training; Interactive educational media and technologies; Technology and Education in mechatronics. Development sustainable; Innovation and creativity methods and techniques; Technological development and educational technologies.
Excellent qualificative graduated
MECTS Certified Diploma (65 credits), competence certificate, SROMECA Diploma, FESTO Diploma
- 01.03.2009 – 01.04.2009 **Research Scholarship as PhD student** within the Short Term Mission COST-STSM-D33-04478 program at the Department of Chemistry, Materials and Chemical Engineering "Giulio Natta" from Polytechnic of Milano, Italy
Scientific coordinators: Ph. D. Prof. Luca Magagnin and Ph. D. Chem. Paula Cojocaru
- July 2007 **PhD student at Courses of Summer School *Highlights in Microtechnology*** within the *Université de Neuchâtel*, Switzerland, and *École Nationale Supérieure de Mécanique et des Microtechniques*, Besançon, France
Certificate with maximum mark
- 01.06.2007 – 01.10.2007 **Research Scholarship as PhD student** within the Erasmus-Socrates program at the Physics and Electrochemical Department, Technical University of Dresden, Germany
Scientific coordinator: Ph. D. Prof. Andreas BUND
- 01.10.2006 – 26.10.2011 **PhD in Industrial Engineering** within the Ph. D. School of the Faculty of Sciences and Environment, *Dunarea de Jos* University of Galati, Romania
Scientific coordinator: Ph. D. Prof. Constantin GHEORGHIES
Thesis title: Studies and research about the obtaining and characterization of biocompatible nanostructured coatings
Qualificative: VERY WELL
Doctor degree
- 2004 – 2006 **Master degree in Biophysics and Medical Physics** at the Faculty of Physics, *Alexandru Ioan Cuza* University of Iasi, Romania
Specialty: Biophysics and Medical physics
- 2000 – 2004 **Bachelor degree in Physics** at the Faculty of Physics, *Alexandru Ioan Cuza* University of Iasi, Romania
Specialty: Medical physics
- 1996 – 2000 **Theoretical High School *Calistrat Hogas*** from Tecuci, Galati, Romania
Specialty: Chemistry-Biology

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
French	B2	B1	B2	B2	C2

Levels: A1/2; Basic user: B1/2; Independent user: C1/2;
 Proficient user Common European Framework of Reference for Languages

Communication skills Good oral and writing communication skills
 Good interrelationship

Organizational skills Professionalism and Sociable
 Adaptation and Talkative
 Teamwork and Meticulousness
 Creativity and Intuition

Computer skills Windows, Microsoft Office, Origin, Paint, Adobe Acrobat Reader, EdrawMax 4, MathType;
 Internet Explorer, Mozilla Firefox, Google Chrome, Messenger, E-mail

Technical (job-related) skills Ability to use device for film coating by electrochemical deposition method.
 Ability to use scanning electron microscope for microstructure analysis.
 Ability to use X-ray detector for chemical analysis.

ADDITIONAL INFORMATION

Publications	a) 20 scientific papers in publications with impact factor ISI; b) 54 scientific papers in publications with BDI rating; c) 2 books; d) 4 book chapters.
Research project	Responsible for scientific research project with third parties, Cross-border Faculty – Global Water Partnership (GWP) Romania, 19/12/2022 – 30/06/2023, Budget 5.000€
International projects	Research member of the 8 national scientific projects between 2007-2016.
National projects	Research member of 11 scientific projects between 2006-2024.
Conferences/Seminars/Workshops	Participation as main author/co-author at least 80 scientific papers (oral/poster) presented at National/International/international participation Scientific Events.
Memberships	i) INPOLDE - Infrastructure for Environmental Interdisciplinary Research in Lower Danube Euroregion), <i>Dunarea de Jos</i> University of Galati, Romania (from 2020); ii) Romanian Microscopy Society (from 2019); iii) European Microscopy Society (from 2019); iv) Romanian Physical Society (2009 – 2011); v) Romanian Society of Biomaterials (2006 – 2008); vi) Center for nanostructures and functional materials (CNMF), <i>Dunarea de Jos</i> University of Galati, Romania (from 2009).
Other professional achievements	<ul style="list-style-type: none"> • awarded by UEFISCDI for the results of scientific research published in 5+4 scientific papers with ISI impact factor, published between 2013-2023. • student coordinator from Cross-border Faculty, Sciences and Environment Faculty (specialties such as Electromechanics, Materials Processing Engineering, Food Science Engineering, Advanced Materials Engineering) at Scientific Sessions. Some studies were awarded with local prizes; • scientific reviewer of 15 scientific papers published in ISI and BDI reviews.