




PERSONAL INFORMATION

CIOCOIU ROBERT - CATALIN

 Bucharest, Romania
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 robert.ciocoiu@upb.ro

Sex M | Date of birth 12/01/1985 | Nationality Romanian

POSITION

Lecturer at Politehnica University of Bucharest, Materials Science and Engineering Faculty, Metallic Materials Science and Physical Metallurgy Department

WORK EXPERIENCE

- 2019 - present **Lecturer**,
 Politehnica University of Bucharest, Materials Science and Engineering Faculty, Metallic Materials Science and Physical Metallurgy Department, www.upb.ro, www.sim.pub.ro, www.smmmf.pub.ro
 Teaching laboratories, performing experiments, participation in research projects
 Business or sector Education/Research
- 2014 - 2019 **Assistant professor**
 Politehnica University of Bucharest, Materials Science and Engineering Faculty, Metallic Materials Science and Physical Metallurgy Department, www.upb.ro, www.sim.pub.ro, www.smmmf.pub.ro
 • Teaching laboratories, performing experiments, participation in research projects
 Business or sector Education/Research
- 2012-2014 **Researcher**
 Politehnica University of Bucharest, Materials Science and Engineering Faculty, Metallic Materials Science and Physical Metallurgy Department, www.upb.ro, www.sim.pub.ro, www.smmmf.pub.ro
 • Participation in research projects
 • Business or sector Education/Research

EDUCATION AND TRAINING

- 2009-2012 **Ph. D. Diploma in Engineering Sciences, Materials Engineering**
 Politehnica University of Bucharest, Materials Science and Engineering Faculty
 • Composite materials fabrication and testing
 • Composites as biomaterials and their performance
 • Materials testing
- 2009 - 2012 **Master of Science Diploma**
 Politehnica University of Bucharest, Materials Science and Engineering Faculty
 • Management of materials testing laboratories
 • Estimating measurement uncertainty
 • Performing statistical data analysis
- 2004 - 2009 **Engineer Diploma**
 Politehnica University of Bucharest, Materials Science and Engineering Faculty
 • Experience with metallic, ceramic, polymeric and composite materials
 • Basis of material testing
 • Material microstructure and structure – properties correlation

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	

English	C1	C1	C1	C1	B2
German	C1	C1	C1	C1	C1
French	A1	A1	A1	A1	A1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
[Common European Framework of Reference for Languages](#)

Communication skills ▪ Good communication skills acquired by experience as teacher assistant by interaction with students and completing the psychology and pedagogy modules

Organisational / managerial skills ▪ Good organisational and managerial skills acquired as coordinator for students diploma projects and as member in various research teams

Job-related skills ▪ Good understanding of processes occurring during material processing
 ▪ Good understanding of test methods principles and practices
 ▪ Good understanding of standards and testing procedures for materials
 ▪ Data interpretation, statistical testing and inference

Digital competence

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

Levels: Basic user - Independent user - Proficient user
[Digital competences - Self-assessment grid](#)

Assistant Programmer Certificate – Advanced User

- Good command of office suite (Ms Office software package, Adobe InDesing)
- Good command of photo editing software (GIMP, Inkscape, Corel Photo Paint)
- Good command of specific software (CMPR, Match!, FullProf – for XRD data processing, OriginLab, Wolfram Mathematica, Mathcad – for mathematical modelling and data processing, SolidWorks, Ansys, Autocad, Deform3D – for computer assisted design and simulation, other apparatus specific software)
- Good command of programming (Borland Pascal, Borland C, BASIC)

Other skills ▪ PC repair, data recovery, debugging
 ▪ Apparatus repair and maintenance

Driving licence -

ADDITIONAL INFORMATION

<https://www.brainmap.ro/robert-catalin-ciocoiu>
<https://scholar.google.ro/citations?hl=ro&authuser=1&user=mruFC3sAAAAJ>
 ORCID iD: <https://orcid.org/0000-0003-2333-0099>
<https://crescdi.pub.ro/#!/profile/1648>