



Europass Curriculum Vitae

Personal information

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E-mail ioana.maior@chimie.upb.ro
Nationality Romanian
Date of birth 10/12/1968
Gender Female

Occupational field

Academic / Assistant Professor, "Politehnica" University of Bucharest, Faculty of Applied Chemistry and Materials Science, Department of Inorganic Chemistry, Physical Chemistry and Electrochemistry

Work experience

Dates	1996 – present
Occupation or position held	Assistant Professor (2016 – present), Lecturer (2002 – 2016), Assistant lecturer (1998 – 2002), Teaching assistant (1996 – 1998)
Main activities and responsibilities	– Teaching for Bachelor and Master students lectures in Electrochemistry, Corrosion, Electrochemical Processes, Electrochemical Power Supplies, Quality Management and Audit in Expertise; laboratory activity in Electrochemistry, Corrosion, Thermodynamics and Applied Electrochemistry – Research activities for conferences, student sessions, research grants, technical assistance in the teaching laboratories, research guidance to students
Name and address of employer	"Politehnica" University of Bucharest, Faculty of Applied Chemistry and Materials Science, Department of Applied Physical Chemistry and Electrochemistry, 313 Splaiul Independentei, 060042 – Bucharest, Romania
Type of business or sector	Higher education / Scientific research
Dates	1994 – 1996
Occupation or position held	Teaching assistant
Main activities and responsibilities	– Teaching for Bachelor students lectures in General Management; seminar activity in General Management – Research activities for conferences, student sessions, research grants, research guidance to students
Name and address of employer	Romanian-American University of Bucharest, Faculty of Management and Marketing, 1B Expozitiei Blvd., 012101 – Bucharest, Romania
Type of business or sector	Higher education / Scientific research
Dates	1988 – 1990

Occupation or position held	Laboratory assistant
Main activities and responsibilities	<ul style="list-style-type: none"> – Sample preparation – Experimental determinations – Research activities for conferences, research grants
Name and address of employer	National Institute for Chemical and Petrochemical Research and Development, 202 Splaiul Independen ei, sector 6, 060021 – Bucharest, Romania
Type of business or sector	Scientific research
Education and training	
Dates	2013
Title of qualification awarded	Graduate of Postgraduate Courses of continuous training and professional development in the field of "Educational Sciences"
Principal subjects/occupational skills covered	<ul style="list-style-type: none"> – Pedagogy – Didactics of science, technology and engineering disciplines – Methodology of teaching
Name and type of organisation providing education and training	"Politehnica" University of Bucharest, Department of Teacher Training, Social Sciences and Humanities, Bucharest, Romania
Level in national or international classification	
Dates	1996 – 2001
Title of qualification awarded	PhD in Chemical Engineering, Technology of Organic Chemistry
Principal subjects/occupational skills covered	<ul style="list-style-type: none"> – collection and processing of experimental data – use of modern methods of analysis and investigation – elaboration and public presentation of the doctoral thesis
Name and type of organisation providing education and training	"Politehnica" University of Bucharest, Faculty of Applied Chemistry and Materials Science, Bucharest, Romania
Level in national or international classification	
Dates	1999
Title of qualification awarded	Graduate of Postgraduate Courses of "Pedagogy, School Psychology and Methodology of Teaching"
Principal subjects/occupational skills covered	<ul style="list-style-type: none"> – Pedagogy – School psychology – Methodology of teaching
Name and type of organisation providing education and training	"Politehnica" University of Bucharest, Department for Teaching Staff Training, Bucharest, Romania
Level in national or international classification	
Dates	1994 – 1995
Title of qualification awarded	Master of Science, specialty "Non-conventional dyes and Superficial Active Substances"
Principal subjects/occupational skills covered	<ul style="list-style-type: none"> – Synthesis and characterization of non-conventional dyes – Synthesis and characterization of superficial active substances
Name and type of organisation providing education and training	"Politehnica" University of Bucharest, Faculty of Industrial Chemistry, Bucharest, Romania
Level in national or international classification	
Dates	1989 – 1994
Title of qualification awarded	Bachelor's Degree in Chemical Engineer
Principal subjects/occupational skills covered	Chemical Engineering, speciality Technology of Organic Compounds

Name and type of organisation providing education and training	"Politehnica" University of Bucharest, Faculty of Industrial Chemistry, Bucharest, Romania																																								
Level in national or international classification																																									
Dates	1984 –1988																																								
Title of qualification awarded	Graduated with High School Diploma																																								
Principal subjects/occupational skills covered																																									
Name and type of organisation providing education and training	Mathematics–Physics no. 3 High School, Bucharest, Romania																																								
Level in national or international classification																																									
Personal skills and competences																																									
Mother tongue(s)	Romanian																																								
Other language(s)	English, French																																								
Self-assessment																																									
<i>European level (*)</i>																																									
English																																									
French																																									
	<table border="1"> <thead> <tr> <th colspan="4">Understanding</th> <th colspan="4">Speaking</th> <th colspan="2">Writing</th> </tr> <tr> <th colspan="2">Listening</th> <th colspan="2">Reading</th> <th colspan="2">Spoken interaction</th> <th colspan="2">Spoken production</th> <th colspan="2"></th> </tr> </thead> <tbody> <tr> <td>C1</td> <td>Proficient user</td> <td>C1</td> <td>Proficient user</td> <td>C1</td> <td>Proficient user</td> <td>B2</td> <td>Independent user</td> <td>B2</td> <td>Independent user</td> </tr> <tr> <td>B1</td> <td>Independent user</td> <td>B1</td> <td>Independent user</td> <td>B1</td> <td>Independent user</td> <td>B1</td> <td>Independent user</td> <td>B1</td> <td>Independent user</td> </tr> </tbody> </table>	Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Spoken production				C1	Proficient user	C1	Proficient user	C1	Proficient user	B2	Independent user	B2	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user	B1	Independent user
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	<i>(*) Common European Framework of Reference for Languages</i>																																								
Social skills and competences	<ul style="list-style-type: none"> – team spirit – adaptability, ability to integrate into various teams and media – good communication capacity – team working experience by participating in practical activities at research projects conducted within the department and faculty (CEEX, PN2, Innovation, POSDRU) 																																								
Organisational skills and competences	<ul style="list-style-type: none"> – organizational skills – experience in project management – ensuring the proper functioning of research and doctoral laboratories for students 																																								
Technical skills and competences	<ul style="list-style-type: none"> – good knowledge of quality control processes (official representative of the department in the faculty committee for the implementation of quality management) – working in electrochemistry and corrosion fields of research and laboratory requires mastery of knowledge and skills in electrical circuits, use of electrical measuring 																																								
Computer skills and competences	<ul style="list-style-type: none"> – experience in using software packages MsOffice, ZView, ChemWin, Adobe, Origin, etc. – internet, email (Outlook, Pegasus Mail, WebMail, Zimbra) 																																								
Artistic skills and competences																																									
Other skills and competences	– swimming, outdoor activities (cycling, roller skating, etc.), reading, movies																																								
Driving licence	Driving licence, B, since 1992																																								

Additional information

Member of various professional societies:

American Chemical Society – ACS
International Society of Electrochemistry – ISE
European Association for Chemical and Molecular Sciences – EuChemMS
European Federation of Chemical Engineering –EFCE
Romanian Society of Chemical Engineering
Romanian Chemical Society (from 2015 Treasurer for Bucharest Branch 2)
Romanian Society of Electrochemistry
Romanian Association for Applied Electrochemistry

Member in The Scientific Committee and Referee for different scientific journals

Member in the Organization Committee of the Romanian International Conference on Chemistry and Chemical Engineering (RICCCE), Section 3 Physical Chemistry; Electrochemistry & Corrosion, RICCCE 19, September 2-5, 2015, Sibiu, Romania

Partner representative for Faculty of Applied Chemistry and Materials Science in POSDRU Project /161/2.1/G/133766 "Know your future employer through active practice – PRACTICACTIV" in 2014

Member of the Scientific Committee of the "International Conference of Technology for Polymeric and Composite Products - POLCOM", Bucharest, Romania, October 23-24, 2014

Member in the Secretariat Committee for The Third Regional Symposium on Electrochemistry – South-East Europe RSE-SEE3, May 13–17, 2012, Ramada Parc, Bucharest, Romania

Member in the Organizing Committee for Workshop – “Nanomaterials And Their Applications In Solid Electrolyte Fuel Cells”, organized by the Institute of Physical Chemistry "Ilie Murgulescu" Bucharest and Politehnica University of Bucharest, Bucharest, October 12, 2007

Awards: 2008 and 2009 – National Council of Romania for Scientific Research in Higher Education (CNCSIS): Prizes for research results

2013–Invited Professor at Ondokuz Mayıs University, Turkey

Annexes

List of selected publications