



Europass Curriculum Vitae



Personal information

First name(s) / Surname(s) Marcela-Elena Stoia
Address(es) 16, Sr. Ion Luca Banateanu, 300323, Timisoara, Romania
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Fax(es)
E-mail marcela.stoia@upt.ro
Nationality Romanian
Date of birth 30.05.1972
Gender Female

Work experience

Dates 2017-present
Occupation or position held Associate professor
Main activities and responsibilities Teaching activities at disciplines:
- Inorganic Chemistry (I Environmental Engineering)
- General Chemistry (I Mechanics)
- Analysis Spectroscopic Methods (I Master - IMMI)

Research activities in the field of expertise: synthesis, characterization and applications of nanostructured oxides.

Name and address of employer Education, R&D
Type of business or sector University Politehnica Timisoara, Faculty of Industrial Chemistry and Environmental Engineering, Piata Victoriei no. 2, 300006, www.upt.ro, Timisoara, Romania

Dates 2009-2017
Occupation or position held Lecturer

Main activities and responsibilities	<p>Teaching activities at disciplines:</p> <ul style="list-style-type: none"> - Inorganic Chemistry (I Environmental Engineering, Food Engineering) -General Chemistry (I Mechanics) -Instrumental Analytical Chemistry (II Chemical Engineering and Environmental Engineering) <p>Practical activities at disciplines:</p> <ul style="list-style-type: none"> -Instrumental Analytical Chemistry (II Chemical Engineering and Environmental Engineering) - Inorganic Chemistry (I Environmental Engineering, Food Engineering) - Analytical Chemistry (II Chemical Engineering and Environmental Engineering) - Monitoring of Industrial Pollutants (II Master-IMMI) <p>Research activities in the field of expertise: synthesis, characterization and applications of nanostructured oxides</p>																																								
Type of business or sector	Education, R&D																																								
Name and address of employer	University Politehnica Timisoara, Faculty of Industrial Chemistry and Environmental Engineering, Piata Victoriei no. 2, 300006,www.upt.ro, Timisoara, Romania																																								
Dates	1999-2009																																								
Occupation or position held	Teaching Assistent																																								
Main activities and responsibilities	<p>Teaching activities at disciplines:</p> <ul style="list-style-type: none"> - Inorganic Chemistry (I Environmental Engineering) - Analytical Chemistry (II Chemical Engineering and Environmental Engineering) - Instrumental Analytical Chemistry (II Chemical Engineering and Environmental Engineering) - Monitoring of Industrial Pollutants (II Master-IMMI) <p>Research activities in the field of expertise: synthesis, characterization and applications of nanostructured oxides</p>																																								
Name and address of employer	Education, R&D																																								
Type of business or sector	University "Politehnica" of Timisoara, Faculty of Industrial Chemistry and Environmental Engineering, Piata Victoriei no. 2, 300006,www.upt.ro, Timisoara, Romania																																								
Dates	1996-1999																																								
Occupation or position held	Junior Assistent																																								
Main activities and responsibilities	<p>Teaching activities at disciplines:</p> <ul style="list-style-type: none"> - Analytical Chemistry (II Chemical Engineering) - Inorganic Chemistry (I Chemical Engineering) 																																								
Name and address of employer	Education, R&D																																								
Type of business or sector	University "Politehnica" of Timisoara, Faculty of Industrial Chemistry and Environmental Engineering, Piata Victoriei no. 2, 300006,www.upt.ro, Timisoara, Romania																																								
Other language(s)	English, French, Italian																																								
Self-assessment																																									
European level (*)																																									
English Language	<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>C2</td> <td>Experienced user</td> <td>C2</td> <td>Experienced user</td> <td>C2</td> <td>Experienced user</td> <td>C2</td> <td>Experienced user</td> <td>C2</td> <td>Experienced user</td> </tr> <tr> <td>B2</td> <td>Independent user</td> <td>B2</td> <td>Independent user</td> <td>B2</td> <td>Independent user</td> <td>B2</td> <td>Independent user</td> <td>B2</td> <td>Independent user</td> </tr> </tbody> </table>	Understanding				Speaking				Writing		Listening		Reading		Spoken interaction		Spoken production				C2	Experienced user	C2	Experienced user	C2	Experienced user	C2	Experienced user	C2	Experienced user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user
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	(*) Common European Framework of Reference for Languages																																								
Social skills and competences	<p>Ability to collaborate interdisciplinary, acquired in scientific research projects and participations in national and international conferences;</p> <p>Communication capacity, obtained through the experience of teaching and the participation at national and international conferences</p>																																								

Organisational skills and competences	Organizational skills gained through management students as a tutor, organizing technological practice with students, mentoring students in the activities of diploma projects. Experience in project management gained from research projects where I was project director or member of research team.
Technical skills and competences	Exploitation of equipment related to the physico-chemical techniques of characterization: UV-VIS spectrometer Lambda 25; Shimadzu Prestige FT-IR spectrometer, SEM Quanta FEG microscope; Rigaku RX Diffractometer, 1500 MOM Budapest Derivatograph.
Computer skills and competences	Microsoft Office™ (Word, Excel, PowerPoint, Access); mathematics and computer graphical applications using Origin 8.0
Artistic skills and competences	
Other skills and competences	
Driving licence	B
Additional information	<p>Reviewer at 20 ISI-ranked international journals: Scientific Reports, Ceramic International, Chemical Engineering Journal, Colloids and Surfaces A, ACS Applied Materials and Interfaces, RCS Advances, Water, Oil and Soil Pollution, Journal of Alloys and Compounds, Journal of American Ceramic Society, Journal of Cluster Science, Journal of Molecular Structure, Journal of Thermal Analysis and Calorimetry, Materials Research Bulletin, Materials Science and Engineering B, NanoResearch, Arabian Journal of Chemistry, Silicon Phosphor Sulfur and its Related Elements, Synthesis and Reactivity in Inorganic Metal-Organic and Nano-Metal Chemistry, The Korean Journal of Chemical Engineering, Journal of King Saud University (Science), with more than 45 manuscript reviewed.</p> <p>Member in professional organisations: - Romanian Society of Chemistry</p> <p>45 published ISI papers, 23 papers as main author.</p> <p>Director of the project PN-II-RU-TE-2014-4-0514 (2015-2017) and team member in other 3 national projects.</p> <p>Co-author at 3 books published in the field of Analytical Chemistry at national publishing houses.</p> <p>Co- author of the chapter: "Nanocomposites with controlled properties obtained by the thermal treatment of some tetraethyl orthosilicate- diols- metal nitrates gels" published in "The Sol-Gel Process: Uniformity, Polymers and Applications", Ed. Rachel E. Morris, Nova Science Publisher, ISBN 978-1-61761-321-0, 2011</p> <p>392 citation (total number of citation from SCOPUS); h-index = 11</p>

Timișoara,
25.08.2017

Assoc. prof. dr. eng. Marcela Stoia