



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) IOVU HORIA
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Telephone(s)
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E-mail iovu@tsocm.pub.ro
Nationality romanian
Date of birth
Gender Male



Mobile: 0040745123211

Desired employment / Occupational field

Member of CNATDCU

Work experience

| | |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dates | 1986-1989 |
| Occupation or position held | Institute of Chemistry Research, Bucharest, Scientific Investigator |
| Main activities and responsibilities | Research |
| Name and address of employer | National Institute of Chemical Research, 202 Splaiul Independentei, Bucharest |
| Type of business or sector | R&D |
| Dates | 1989-1993 |
| Occupation or position held | Assistant professor, Department Technology of Organic Substances and Macromolecular Compounds, Faculty of Applied Chemistry and Materials Science, Polytechnic University of Bucharest |
| Main activities and responsibilities | Teaching and research |
| Name and address of employer | 1, Polizu street, P.O.12 sector 1, RO-78126 Bucharest |
| Type of business or sector | University |
| Dates | 1993 - 1997 |
| Occupation or position held | Lecturer, Department Technology of Organic Substances and Macromolecular Compounds, Faculty of Applied Chemistry and Materials Science, Polytechnic University of Bucharest |
| Main activities and responsibilities | Teaching and research |
| Name and address of employer | 1, Polizu street, P.O.12 sector 1, RO-78126 Bucharest |
| Type of business or sector | University |
| Dates | 1997 - 1999 |
| Occupation or position held | Assistant Professor, Department Technology of Organic Substances and Macromolecular Compounds, Faculty of Applied Chemistry and Materials Science Polytechnic University of Bucharest |
| Main activities and responsibilities | Teaching and research |
| Name and address of employer | 1, Polizu street, P.O.12 sector 1, RO-78126 Bucharest |
| Type of business or sector | University |

Dates 1999 - present
 Occupation or position held Full professor, Department Technology of Organic Substances and Macromolecular Compounds, Faculty of Applied Chemistry and Materials Science, Polytechnic University of Bucharest
 Main activities and responsibilities Research; PhD supervisor in Chemical Engineering; Vicedean of Faculty (2000-2004); Dean of Faculty (2004-2012); Vice-Rector / Director of Council for Doctoral Studies (since 2012); director/coordinator of 25 national projects of research and 3 international projects; Head of Advanced Polymer Materials Group (since 2006)
<http://www.tsocm.pub.ro/APMG/>

Name and address of employer 1, Polizu street, P.O.12 sector 1, RO-78126 Bucharest
 Type of business or sector University

Main research fields and competencies
 - Polymer Science and Engineering
 - Materials Science

Education and training

Dates 1981-1986
 Title of qualification awarded Chemist engineer
 Principal subjects/occupational skills covered Chemical Engineering, Chemistry and Technology of macromolecular compounds
 Name and type of organisation providing education and training Faculty of Chemistry, University Politehnica of Bucharest (1st among 458 graduates)
 Level in national or international classification

Dates 1990-1995
 Title of qualification awarded PhD
 Principal subjects/occupational skills covered Polymer Science and Technology
 Name and type of organisation providing education and training Faculty of Chemistry, Polytechnic University of Bucharest
 Level in national or international classification

Dates 1994-1995
 Title of qualification awarded
 Principal subjects/occupational skills covered Specialization Composite Materials-Manchester Metropolitan University, U.K.
 Name and type of organisation providing education and training Manchester Metropolitan University, U.K.
 Level in national or international classification

Personal skills and competences

Mother tongue(s) Romanian

Other language(s)

Self-assessment
 European level (*)

English

| Understanding | | | | Speaking | | | | Writing | |
|---------------|-----------------|---------|-----------------|--------------------|-----------------|-------------------|-----------------|---------|-----------------|
| Listening | | Reading | | Spoken interaction | | Spoken production | | | |
| C1 | Proficient user | C2 | Proficient user | C1 | Proficient user | C1 | Proficient user | B1 | Independent use |

Computer skills and competences

Word, Excel

Other skills and competences

Driving licence

Category B

Additional information

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| Research experience | |
| | Polymerization of dienes with lanthanide-based catalysts |
| | Composite materials-synthesis and design |
| | Nanocomposite materials based on polymer matrices reinforced with silicates |
| | Nanocomposite materials based on polymer matrices reinforced with carbon nanotubes |
| | Carbon nanotubes – modification and compatibilization |
| | Biomaterials for scaffolds |
| | Collagen-HAP-synthetic polymers composites |
| Publications | 5 most recent and/or relevant publications |
| | AM Pandele, S. Dinescu, M. Costache, E. Vasile, C. Obreja, H. Iovu, M. Ionita, Preparation and In Vitro, Bulk, and Surface Investigation of Chitosan/Graphene Oxide Composite Films, <i>Polymer Composites</i> , 34 (12), 2013, 2116-. |
| | M. Ionita, AM Pandele, H. Iovu, Sodium alginate/graphene oxide composite films with enhanced thermal and mechanical properties, <i>Carbohydrate Polymers</i> , 94 (1), 2013, 339-344 |
| | C. Andronescu, S. Garea, E. Vasile, H. Iovu, Synthesis and characterization of polybenzoxazine/layered double hydroxides nanocomposites, <i>Composites Science and Technology</i> , 95, 29-37, 2014 |
| | B. Balanuca, A. Lungu, A. M. Hanganu, R. Stan, E. Vasile, H. Iovu, Hybrid nanocomposites based on POSS nad networks of methacrylated camelina oil and various PEG derivatives, <i>European Journal of Lipid Science and Technology</i> , 116 (4), 458-469, 2014 |
| | A. Pandele, M. Ionita, L. Crica, S. Dinescu, M. Costache. H. Iovu, Synthesis, characterization and in vitro studies of graphene oxide/chitosan-polyvinyl alcohol films, <i>Carbohydrate Polymers</i> , 102, 813-820, 2014 |
| Others | |
| | Member of the National Council for Research in Higher Education (CNCSIS) (since 2005) President of the Romanian Society of Biomaterials (RSB) (2010-2012) Member of the National Council for awarded the professor title in Romania, the field of Chemical Engineering field (since 2006) Executive Director for R&D national programme “Materials, Micro and Nanotechnologies” (since 2002) Associate member of Academy of Romanian scientists Romanian representative in BFUG group for third cycle Author / coauthor of more than 120 ISI published papers H-index: 13 (ISI Web of Science) |

Annexes