



Curriculum vitae Europass



Personal Information


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Citizenship romanian


Theoretical and computational study of cold plasma processes application in fusion plasma physics and astrochemistry

MC Member Action CA17126
[http://www.cost.eu/about_cost/who/\(type\)/5/\(wid\)/62223](http://www.cost.eu/about_cost/who/(type)/5/(wid)/62223)

Member American Astronomical Society (AAS) , APS 

Member Romanian Physical Society 

Member European Physical Society (EPS) 

Visiting University College London 

Visiting Le Laboratoire Ondes Et Milieux Complexes 

Professional experience

Period 2011-present
position held **Lecturer**
responsibilities Teaching Courses in physics and computer science;
 Coordination and implementation of the seminar students
 Coordination and implementation of activities in the computer lab
 Development and implementation of research in physics
 Coordination and Evaluation training groups of students

Name and address of employer West University of Timisoara, Faculty of Physics
 Vasile Parvan, 4, Timisoara, Romania

The type of activity University education: Teaching and Research

Period position held responsibilities	1995-2010 Assisstant Lecturer Coordination and implementation of the seminar students Coordination and implementation of activities in the computer lab Development and implementation of research in physics Coordination and Evaluation training groups of students
Name and address of employer	West University of Timisoara, Faculty of Physics Vasile Parvan, 4, Timisoara, Romania

Education and Training

Period Qualification / diploma Principal subjects / skills covered Awarded by	September, 2017 Certificate of atendance KIDA2017 Astrochemistry Kinetic Database For Astrochemistry
Period Qualification / diploma Principal subjects / skills covered Awarded by	August, 2017 Certificate of atendance CM1401-Astrochemistry Molecular quantum physics. COST -TS – ECOST- TRAINING SCHOOL CM 1401-310817-087567
Period Qualification / diploma Principal subjects / skills covered Awarded by	2007 - 2011 Doctor of Philosophy in Physics Quantum physics. Calculation of energy levels of some quantum systems. West University of Timisoara, Faculty of Physics Vasile Parvan, 4, Timisoara, Romania
Period Qualification / diploma obtained Principal subjects Study	2013 - 2015 Courses in Chemistry Organic Chemistry University „Politehnica” Timișoara
Period Qualification / diploma Principal subjects / skills covered Awarded by	2004-2006 Diploma in Informatics Computational and numerical methods West University of Timisoara, Faculty of Informatics Vasile Parvan, 4, Timisoara, Romania
Period Principal subjects / skills covered	1993 Summer school of environmental radioactive measurements. Huelva Spain
Period Qualification / diploma Principal subjects / skills covered Awarded by	1987 - 1992 Graduate Physics Physics West University of Timisoara, Faculty of Informatics Vasile Parvan, 4, Timisoara, Romania
Funding ID; Individual grants	MC-2017-0064 PN-III-P1-1.1-MC-2017-0272 16.09.2017

Driving license A, B

Mother tongue(s) Romanian

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English C2	C2	C1	C1	C1	
Hungarian	C1	B1	C1	B2	A2

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 gained through my experience as lecturer.
Team research **eMol-LeHavre group**

Organizational / managerial skills Self-management of assigned goals.

Job-related skills Good analytic approach - control processes

Digital competence	SELF-ASSESSMENT				
	Information processing	Communication	Content creation	Safety	Problem solving
	Proficient user	Proficient user	Proficient user	Proficient user	Proficient user

Hardware Independent user, understand principles and communication protocols

Software Proficient user, numerous programming language (numeric symbolic)
- C language
- Database
- Different text processors
- Automatic processing of data
- Modeling physical phenomena by mathematical calculation with finite elements and numerical solutions
- Maple, Mathematica.
- LaTeX -word processor

O.S. Unix – system administration - Independent user

- Publications <https://scholar.google.ro/citations?user=d8GQbpEAAAAJ&hl=en&oi=ao>
- Presentations [Project PN-III-P1-1.1-MC-2017-0272](#)
- Projects [EEASMUS mobility](#)
- Conferences [59th Annual Meeting of the APS Division of Plasma Physics, Milwaukee, Wisconsin](#)
- Citations
- Seminars Theoretical seminar at West University of Timisoara, Faculty of Physics
- Honours and awards
- Memberships SRF, EPS, APS, COST
- References
- Courses Introduction to "C" language; Introduction to Database; Introduction to computer networking.
- Certifications