Curriculum Vitae



PERSONAL INFORMATIONS

First name(s) / Surname(s) Date and place of birth:

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Elena-Luiza Epure

07.02.1976, Paşcani, Iasi, Romania

- 73 Prof. dr. docent Dimitrie Mangeron Street, 700050, Iasi, Romania
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PROFESSIONAL EXPERIENCE

1.10.2014- present - lecturer, "Gheorghe Asachi" Technical University of Iasi, Faculty of Chemical Engineering and Environmental Protection, Department of Natural and Synthetic Polymers.

Activities and responsabilities: teaching, laboratories and seminars; research activities; guiding the research activity of students and master students; scientific coordinator for bachelor/dissertation diploma projects, member of different committees in faculty.

- 2011-2014 assistant professor, "Gheorghe Asachi" Technical University of Iasi, Faculty of Chemical Engineering and Environmental Protection, Department of Natural and Synthetic Polymers.
- 2000-2011 chemistry and computer science teacher, S.A.M. Dumeşti, S.A.M. Tătăruşi, "C.F. Unirea" High School Pascani, "Mihail Sadoveanu" National College of Pascani, "M Busuioc" High School Pascani.

EDUCATION AND TRAINING

Dates 2007-2012

Title of qualification awarded	Ph.D. in Chemistry, topic: "Molecular modeling study of self-
	assembling phenomena of hybrid systems", doctoral advisor: Prof. dr.
	eng. Nicolae Hurduc
Name and type of organisation	"Gheorghe Asachi" Technical University of Iasi, Faculty of Chemical
providing education and training	Engineering and Environmental Protection

Dates	1998-2001
Title of qualification awarded	Engineer Diploma
Name and type of organisation	Technical University College No. 1, Faculty of Automatic Control and
providing education and training	Computer Engineering, "Gheorghe Asachi" Technical University of
	Iasi
Dates	1998-2000
Title of qualification awarded	Master of Science in Organic chemistry-physics
Name and type of organisation	Faculty of Chemistry, "Alexandru Ioan Cuza" University of Iasi
providing education and training	
Dates	1994-1998
Title of qualification awarded	Bachelor of science in Chemistry-physics
Name and type of organisation	Faculty of Chemistry, "Alexandru Ioan Cuza" University of Iasi
providing education and training	

PERSONAL SKILLS AND COMPETENCES

Mother tongue(s)	Romanian
Other language(s)	English, French- Understanding (Listening – *B1, Reading- B2)
	Speaking - B1, Writing: B1(*common European Framework of
	Reference for Languages)
Social skills and competences	good communication skills, motivational skills
Organisational skills and	decision making, team/project management, strategic thinking,
competences	attention to details
Technical skills and competences	- molecular modeling and simulations of polymer and low weight
	liquid crystal properties;
	- knowledge in working with Materials Studio (BIOVIA) and
	GROMACS (General Public License) molecular modeling
	software packages;
	- the ability to think, to understand and use different representations
	of mathematical objects, phenomena and situations;
	- research and cognitive skills in the field of synthesis and physico-
	chemical characterization of polymers;
	- the implementation and management of scientific projects.

Computer skills and competences	- competences in working with Microsoft Office suite;
	- computer graphics applications, programming language C.
Driving licence	- automobile driver (B)

ADDITIONAL INFORMATION- SCIENTIFIC ACTIVITY

- internship/ visiting professor: February-March 2018, Stockholm University/ KTH Royal Institute of Tehnology, Sweeden;
- training 12-15.06.2017, Research Center for Instrumental Analysis SCIENT, București, Romania
- Erasmus agreement June 2016, Angers University, France;
- training 11-20 mai 2016, *English as a Medium of Instruction (EMI)*, organizers: Coruña University and "Gheorghe Asachi" University, Romania;
- national and international workshops (*Frontiers of coarse grain in molecular dynamics*, Freie Universitat, Berlin, Germany, 2018; *Time-Dependent Density-Functional Theory: Prospects and Applications*, Benasque, Spain, 2010; *Dissipative Particle Dynamics: Addressing deficiencies and establishing new frontiers*, Lausanne, Switzerland, 2008; *Polimeri hidrosolubili pentru aplicatii avansate*, Institute of Macromolecular Chemistry Petru Poni, Iasi 2008);
- 13 articles (6 ISI scientific papers, 5 articles included in BDI, 2 articles in proceedings of international conference), 42 presentations at national and international conferences (14 oral communications, 28 posters);
- awards at national and international scientific events;
- member of the team of 6 research contracts and the director of a mobility grant.

September 2018

Epure Elena-Luiza