



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Vasile Lavric**
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E-mail(s) v_lavric@chim.upb.ro
Nationality Romanian
Date of birth March 8th, 1955
Gender Male

Desired employment / Occupational field

Work experience

Dates 01/10/1982 →
Occupation or position held Chemical engineer, assistant professor, lecturer, reader, professor
Main activities and responsibilities teaching, research
Name and address of employer University POLITEHNICA of Bucharest
Type of business or sector Education
Dates 01/09/ 1980 – 30/09/ 1982
Occupation or position held Chemical engineer, programmer
Main activities and responsibilities network computers, assembly language, data acquisition
Name and address of employer Electroaparataj
Bucharest
Type of business or sector electrical engineering

Education and training

Dates 1989 – 1994
Title of qualification awarded Ph.D.
Principal subjects/occupational skills covered Chemical engineering
Name and type of organisation providing education and training University POLITEHNICA of Bucharest
Level in national or international classification The most important technical university from Romania
Dates 01/10/1975 - 30/06/1980
Title of qualification awarded chemical engineer
Principal subjects/occupational skills covered Macromolecular Chemical Technology
Chemical engineering
Name and type of organisation providing education and training University POLITEHNICA of Bucharest

Personal skills and competences

Mother tongue(s) Romanian

Other language(s)

Self-assessment

European level ()*

English

French

Dutch

Understanding		Speaking		Writing	
Listening	Reading	Spoken interaction	Spoken production		
C2	C2	C2	C2	C2	
C1	C2	C2	C1	C2	
A1	A1	A1	A1	A1	

Social skills and competences

Organisational skills and competences

- Coordinator of two bilateral Belgian – Romanian scientific projects:
 - 1) *Application of chemical pinch methodology in process industries* (Co-promoter: prof. Jacques De Ruyck, VUB), WDG0339, April 2003 - December 2004
 - 2) *Flame Characterization and NOx Reduction through Residence Time Distribution Analysis* (Co-promoter: prof. Jacques De Ruyck, VUB), BWS04/05/MECHWER2, Jan.2005 - Dec.2006
- Director of a PN2 project:

Complex behavior of mixed microbial populations induced by time scales and segregation. Case study: wastewater biological treatment process, PN2 – Ideas, 175/1.10.2007, Oct. 2007 – Sept. 2010
- Ph.D. adviser since 2008, in the domain: Engineering science, Chemical engineering
- Chairperson of a technical session:
 - o ICheaP-6, 8-11 June, Pisa, Italy, 2003;
 - o PRES'06, 27-30 August, Prague, Czech Republic, 2006;
 - o Escape-17, 27-30 May, Bucharest, Romania, 2007;
 - o PRES'07, 24-27 June, Ischia, Italy, 2007;
 - o PRES'08, 24-27 August, Praha, Czech, 2008;
 - o PRES'10, 29 August-2 Sept, Praha, Czech, 2010;
 - o PRES'11, 8-11 May, Florence, Italy, 2011
- Member in the Organization Committee of the Symposium *Modeling for improved bioreactor performance III*, 21-23 Sept. 1995, Poiana Braşov;
- Member in the Scientific Reviewers Committee of Escape-17, 27-30 May 2007, Bucharest;
- Permanent Member of the International Scientific Committee of PRES;

Technical skills and competences

Patent no 111131 din 04/07/1995

Computer skills and competences

Proficient in Object Oriented Programming in C++, Matlab, MathCAD, Aspen and HYSYS simulation environments, Office (Word, Excel, PowerPoint, Visio)

Other skills and competences

- Member of professional associations: *Romanian Society of Bioengineering and Biotechnology, Romanian Society of Chemical Engineering, European Federation of Biotechnology-Section of Biochemical Engineering Science*;
- Reviewer for: *Industrial and Engineering Chemistry Research, Separation Science and Technology, Environmental Technology, Chemical Engineering Science, Chemical Engineering Journal, Chemical Engineering Communications, Computers & Chemical Engineering, ENERGY - The International Journal, Biotechnology Progress, Chemical and Biochemical Engineering, Revue Roumaine de Chimie, Revista de Chimie*

Driving license

- driving license category B from 1986

Additional information

Awards: Nicolae TECLU of the Romanian Academy's Chemical Division for *The Applications of Artificial Neural Networks in Chemical Engineering* – 1998

Publications:

Books and chapters in specialized books published by recognized publishers – 12

Articles in professional journals with impact factor – 99

Articles in proceedings of international scientific events recognized in the country and abroad – 72

Patents – 1

Citations in international journals – 515

h-index : 13