



## Europass Curriculum Vitae



### Personal information

First name(s) / Surname(s) **Sergiu-Viorel Caraman**  
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E-mail Sergiu.Caraman@ugal.ro  
Nationality Romanian  
Date of birth 30.09.1955  
Gender Male

**Desired employment / Occupational field** (remove if not relevant, see instructions)

### Work experience

Dates	Add separate entries for each relevant post occupied, starting from the most recent. (remove if not relevant, see instructions)
Occupation or position held	Head of Automation and Applied Informatics Department (1996 – 2001) Head of Engineering of electrical energy conversion systems Department (2001 – 2004) Member of the Teaching Council of The Faculty ACIEE (1996 – 2004) (2008 – 2016) Member of "Dunarea de Jos" University Senat (2012 – 2016) Since 2007 - PhD Coordinator in System Engineering, „Dunarea de Jos” University of Galati, Galati, Romania Since 2002 - Full Professor in the Faculty of Computers, „Dunarea de Jos” University of Galati, Romania 1998-2002 - Associate Professor, „Dunarea de Jos” University, Automation Electrical Engineering and Electronics, Galati, Romania 1990-1998 - Lecturer, „Dunarea de Jos” University of Galati, Romania 1990-1997 - PhD studies in Automation, "Dunarea de Jos" University of Galati, Romania 1987-1990 - Research Assistant, „Dunarea de Jos” University of Galati, Romania 1980-1987 - Maintenance engineer, Arcelor Mittal Steel Company, Galati, Romania
Main activities and responsibilities	Teaching and research
Name and address of employer	Dunarea de Jos University of Galati, Domneasca Street No. 47, 800008, Galati

Type of business or sector Academic

**Education and training**

Dates Add separate entries for each relevant course you have completed, starting from the most recent. (remove if not relevant, see instructions)

Title of qualification awarded PhD

Principal subjects/occupational skills covered Modelling and control/ Thesis subject: Contribution regarding the use of expert systems in control of the discontinuous biotechnological processes

Name and type of organisation providing education and training „Dunarea de Jos” University of Galati, Romania

Level in national or international classification (remove if not relevant, see instructions)

Title of qualification awarded Engineer

Principal subjects/occupational skills covered Computer science and control, Non-linear systems, Modelling and identification, Artificial Intelligence, Biotechnological processes – modelling, estimation and control

Name and type of organisation providing education and training Faculty of Automation and Computer Science, “Politehnica” University of Bucharest, Romania

Level in national or international classification

**Personal skills and competences**

Mother tongue(s) Romanian

Other language(s)

Self-assessment

European level (\*)

English

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user	B2	Independent user
C1	Proficient user	C1	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user

(\*) *Common European Framework of Reference for Languages*

Social skills and competences Building Team spirit  
Good communication skills  
Good ability to adapt to multicultural environments  
Shows respect for ideas and culture of others  
Is able to build relationships through appropriate communication  
Listens, shows interest and takes into account other opinions

Organisational skills and competences **Management:**  
Efficient in developing plans and projects; act on decisions taken and able to take decisions; manage teams and chair; able to improve their efficiency and able to implement it.

**Scientific and Professional Expertise**  
Keeping on top of development needed for the job; academic level of thinking; Process model and control  
Highly involved with developmental processes of new project and actions

Technical skills and competences Nonlinear processes modelling and control  
Design of Artificial Intelligence Systems  
Bioprocesses Modelling and Control

Computer skills and competences C++, Matlab – simulink, Microsoft Office

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Artistic skills and competences	Replace this text by a description of these competences and indicate where they were acquired. (Remove if not relevant, see instructions)
Other skills and competences	Knows what is important for professional development and is able to integrate several points of view Is able to extract quickly the most important information from complex material Finds new, better solutions and ideas for existing problems Recognizes trends and patterns in information
Driving licence	B
<b>Additional information</b>	<p>Books and books chapters - 17  Publications in international peer reviewed journals ISI and indexed in international data bases journals – 64  Other published papers – over 40  Patents - 1  National and International Project Grants – 8 (as director)</p> <p><b>Supervision</b>  - Graduation THESIS - 50  - Master of science THESIS - 10  - Doctoral THESIS - 8 (3 finalized)</p> <p>Scientific and technical expert in national projects evaluation (CNCSIS)</p> <p>Member of IFAC TC Subcommittee - Bioprocesses and Bioengineering;  Member of Romanian Society of Biotechnology (SRB);  Member of Romanian Society of Control and Technical Informatics (SRAIT);  Member of Association of the Specialists in Applied Biotechnologies (ASBA);  Director of Research Center: Advanced Control Systems of the Processes, Dunarea de Jos University of Galati.</p> <p>Invited professor – University of Nantes – France (March 2008).  Research and documentation fellowships: Great Britain (University of Sheffield and Oxford University),  Holland (University of Wageningen), France (Politechnical National Institute of Grenoble), Belgium  (University of Ghent and Louvain la Neuve University)</p>
<b>Annexes</b>	List any items attached. (Remove heading if not relevant, see instructions)

