Europass curriculum vitae

Personal information

First name(s) / Surname(s)	**Valentin Sgârciu**
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E-mail(s)	vsgarciu@aii.pub.ro ; vsgarciu@gmail.com
Nationality(-ies)	Romanian
Date of birth	01.06.1949
Gender	Male

Work experience

Dates	1995 - present
Occupation or position held	Full professor
Main activities and responsibilities	**Teaching activity** ("Sensors and Transducers", "Data Processing", „Transducers and Measuring systems", „Reliability and Diagnosis", „Security of Informatics Systems", "Process Instrumentation in Informatics Systems", "Sensors and Transducers", „Product and System Diagnosis",: undergraduate and postgraduate courses. Scientific coordination of practical works and graduation projects (dissertations). **Research activity** in the fields of intelligent buildings, intelligent measurements, wireless sensor networks, software engineering, Internet of Things, cyber security systems, operating systems, control system theory, e-learning, distributed heterogeneous systems and middleware technologies, SOA. Technical Program Committee member for international conferences. International conferences reviewer. Books reviewer (ALL Publishing House). Co-organizer of annual scientific sessions for students. Evaluator of Ph. D. student's activity.
Name and address of employer	"Politehnica" University of Bucharest. Splaiul Independentei 313, Bucharest, Romania:
	Automatic Control and Computers Faculty - http://www.acs.pub.ro/
Type of business or sector	Engineering, high education. Training. Scientific research.
Dates	1990 – 1995
Occupation or position held	Associate professor
Main activities and responsibilities	As mentioned for the full professor position.
Name and address of employer	As mentioned for the full professor position.
Type of business or sector	As mentioned for the full professor position.
Dates	1981 - 1990
Occupation or position held	Senior lecturer
Main activities and responsibilities	Teaching activity (the first four undergraduate courses mentioned for the full professor position):

undergraduate and postgraduate courses. Scientific co-ordination of practical works and graduation projects. Research activity in the fields of operating systems, object-oriented programming languages, control system theory, and distributed heterogeneous systems.

Name and address of employer	Automatic Control and Computers Faculty - "Politehnica" University of Bucharest. Splaiul Independentei 313, Bucharest, Romania
Type of business or sector	Engineering, high education. Scientific research.

Dates	1972 - 1981
Occupation or position held	Teaching assistant
Main activities and responsibilities	Teaching activity ("Technical Measurements and Transducers"): undergraduate courses. Scientific coordination of practical works. Research activity in the fields of control system theory.
Name and address of employer	Automatic Control and Computers Faculty (undergraduate courses) - "Politehnica" University of Bucharest. Splaiul Independentei 313, Bucharest, Romania
Type of business or sector	Engineering, high education. Scientific research.

Education and training

Dates	1976 - 1984
Title of qualification awarded	Ph. D. in Control Systems
Principal subjects/Occupational skills covered	Open systems, middleware technologies, object-oriented programming languages, software engineering. Title of the Ph. D. dissertation: "Contributions on the study of nondeterministic measurements".
Name and type of organisation providing education and training	University "Politehnica" of Bucharest, Splaiul Independentei 313, Bucharest, Romania
Level in national or international classification	ISCED 6

Dates	1967 - 1972 - graduation of Automatic Control and Computer Faculty ("Politehnica" University of Bucharest, Romania). Graduation final mark: 9.58 (maximum is 10.00);
Title of qualification awarded	Diploma – engineer, M.S.
Principal subjects/Occupational skills covered	Automatics and Computer Science
Name and type of organisation providing education and training	Automatic Control and Computer Faculty - "Politehnica" University of Bucharest. Splaiul Independentei 313, Bucharest, Romania
Level in national or international classification	ISCED 6

Personal skills and competences

Mother tongue(s)	**Romanian**
Other language(s)	

Self-assessment

European level (*)

	Understanding				Speaking				Writing	
	Listening		Reading		Spoken interaction		Spoken production			
French	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user	C2	Proficient user
English	C2	Proficient user	C2	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
Russian	A2	Basic user	A2	Basic user	A2	Basic user	A2	Basic user	A2	Basic user

(*) *Common European Framework of Reference (CEF) level*

Social skills and competences	Good social skills. Easy integration in new teams. Communication. Conflict management.

Intercultural skills. All of them gained through my work and life-experience: teaching, training, working in national and international scientific research teams, evaluating international projects (Leonardo da Vinci Programme - 2002), participating in international training programmes, working as a member of international scientific conferences technical committees.

Organisational skills and competences	Strong leadership and organizational skills. Making Decisions. Delegation. Self-management. Gained through education, self-education and professional life. Experience as a national/international project team-leader. Experience as a member of international scientific conferences technical committees (CSCS-International Conference on Control Systems and Computer Science, "Politehnica" University of Bucharest–1999-2011; IFAC/LSS, Bucharest - 2001). Co-organiser of annual scientific sessions for students.
Technical skills and competences	Creativity and Innovation. Very good computer related skills and training abilities. Scientific reviewer and project evaluator high competences (Leonardo da Vinci Programme – 2002, 2009, 2010). International standardisation contributor (OMG-Object Management Group - 1999).
Computer skills and competences	Advanced Windows and Microsoft Office tools user; medium Unix management; high level IT analyst and programmer (C, C++ and Java) with very good knowledge of operation systems structure and functions and very good knowledge and practice of middleware technologies; experienced user of Internet facilities.
Artistic skills and competences	Sports, travels
Other skills and competences	Good interaction with children, old people and disabled persons. Coaching and counselling skills. Good knowledge of children with special educational needs problems.
Driving licence(s)	B category since 1986
Annexes	List any items attached

Additional information

Over 180 scientific papers presented in national and international symposiums and congresses and published in the associated preprints or in specialized Romanian/international journals such as: "Romanian Journal of Information Technology and Automatic Control" (National Institute for Research and Development in Informatics, Bucharest), "Revue Roumaine des Sciences Techniques" (Romanian Academy), "Scientific Bulletin" ("Politehnica" University of Bucharest) or "Journal of Computational Methods in Sciences and Engineering" IOS Press, The Netherlands. A number of 17 books, almost all of them published by prestigious editing houses in Bucharest, Romania. More than 40 scientific research contracts as Director, more than 30 physical equipment designed.

Other references available upon request.