

# Europass Curriculum Vitae

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## Personal information

First name / Surname **SORIN GABRIEL POPESCU**  
E-mail Sorin.Popescu@senat.utcluj.ro, posorin@gmail.com  
Nationality Romanian  
Date of birth 24 June 1953

**Current position:** **Professor, Technical University of Cluj-Napoca**, Dep. Design Engineering and Robotics  
*Vice President* of the University Senate, *Director* of DTC (Danube Transfer Centre) Cluj-Napoca and of Quality Engineering and Management Research Centre

**Domain of competence:** *Quality and other standardised management systems (organisations and systems, processes and projects, products and services). Quality engineering (Measurement/scanning of geometrical dimensions, Customer and requirements oriented development)*

## Professional experience

Dates	1982 - present
Occupation or position held	Assistant professor, Associate professor and Professor (from 1996)
Main activities and responsibilities	Academic Teaching, Research & Management
Name and address of employer	Technical University of Cluj-Napoca, 28 Memorandumului Str., Cluj-Napoca
Type of business or sector	Higher education and research
Dates	July 2012 – April 2016
Occupation or position held	Vice-President of the University Senate
Main activities and responsibilities	Coordinating 3 of the permanent commissions of the University Senate
Name and address of employer	Technical University of Cluj-Napoca, 28 Memorandumului Str., Cluj-Napoca
Type of business or sector	University Management
Dates	November 2012 – present
Occupation or position held	Director of DTC (Danube Transfer Centre) Cluj-Napoca
Main activities and responsibilities	Coordination of the DTC institutional building and its integration within the DTC Network with the other similar centres established in countries of the EU Strategy of the Danube Region (EUSDR). Coordination of Centre activities aiming transnational cooperation in research, innovation and technology transfer.
Name and address of employer	Hosted by T.U. Cluj-Napoca, DTC Cluj-Napoca consists of 6 offices developed in universities and research centres from Cluj-Napoca, Sibiu and Craiova.
Type of business or sector	Transnational cooperation in scientific research, innovation and technology transfer
Dates	15 November 2007 – 1 June 2011
Occupation or position held	Director General, General Direction for Higher Education
Main activities and responsibilities	Management of the national HE system, Representing Romania in the BFUG (Bologna Follow-up Group) Working group "European Higher Education Area in a Global Setting"
Name and address of employer	Romanian Ministry for Education, Research, Youth and Sport 28-30 Gen. Berthelot Str., Bucharest, 010168 Romania
Type of business or sector	Management of the national higher education system
Dates	2001 – 2003
Occupation or position held	Representative of Romanian Ministry of Education in ENQA (European Assoc. for Quality Assurance in Higher Education)

Main activities and responsibilities	Representation activities (General Assembly meetings) and professional activities (working group meetings regarding topics related to quality assurance in the European HE).
Name and address of employer	Romanian Ministry for Education and Research, 28-30 Gen. Berthelot Str., Bucharest
Type of business or sector	International cooperation in higher education
Dates	1999 – 2001
Occupation or position held	Vice president of the National Council for Quality Management in Higher Education
Main activities and responsibilities	Leading activities of the council together with the other members of the board
Name and address of employer	Romanian Ministry for Education and Research, 28-30 Gen. Berthelot Str., Bucharest
Type of business or sector	Management of the national higher education system
Dates	2000 – 2004
Occupation or position held	Responsible person (director) for Quality Assurance in the University
Main activities and responsibilities	Preparing of the institutional approach to quality assurance in the university; Preparing procedures for the main processes, awareness activities with the faculties' management, inter-institutional cooperation on quality assurance topics.
Name and address of employer	Technical University of Cluj-Napoca, 28 Memorandumului Str., 400114 Cluj-Napoca
Type of business or sector	University management
Dates	2004 – 2007
Occupation or position held	Adviser for quality and strategy to the Rector of Technical University of Cluj-Napoca
Main activities and responsibilities	Specialised counselling for top management for decisions regarding quality assurance
Name and address of employer	Technical University of Cluj-Napoca, 28 Memorandumului Str., 400114 Cluj-Napoca
Type of business or sector	University management
Dates	2002 – present
Occupation or position held	Director of Quality Engineering and Management Research Centre
Main activities and responsibilities	Scientific coordination; Attracting and management of human, infrastructure and financial resources (PhD students, equipment, projects and contracts); Promoting partnerships with industry as well as the international insertion and recognition of the Centre.
Name and address of employer	Technical University of Cluj-Napoca, 28 Memorandumului Str., 400114 Cluj-Napoca
Type of business or sector	Higher Education and Research
Dates	1994 – 2000
Occupation or position held	Head of the Department Production Equipment and Industrial Robots
Main activities and responsibilities	Leading and coordinating department scientific and teaching activities
Name and address of employer	Technical University of Cluj-Napoca, 28 Memorandumului Str., 400114 Cluj-Napoca
Type of business or sector	University management
Dates	1977 – 1982
Occupation or position held	Production engineer, Production supervision, New equipment design and development
Main activities and responsibilities	Monitoring and control of production, Design of equipment for production processes
Name and address of employer	Heavy Equipment Factory, 18 Muncii Blvd., Cluj-Napoca, Romania
Type of business or sector	Industrial Engineering and Management

## Education and training

Dates	1989 – 1993
Title of qualification awarded	Doctorate in Engineering Sciences - Diploma No. 934/14.06.1993
Principal subjects/ occupational skills covered	Systems theory and automated control of industrial equipment and processes Sensors and measurements; Scientific research competencies
Providing organisation	Technical University of Cluj-Napoca
Level	PhD in Engineering
Dates	1972 – 1977

Title of qualification awarded	Dipl. Engineer, Diploma no. 2031/1978, Honour degree, grade 9,97/10
Principal subjects/ occupational skills covered	Machine Building Technology / design, development and management of production systems
Providing organisation	Technical University of Cluj-Napoca
Level	Dipl. Engineer, current Master level
Dates	1968 – 1972
Title of qualification awarded	High School Diploma No. 29314/1972, grade 9,33/10
Principal subjects/ occupational skills covered	Theoretical high school
Providing organisation	“Andrei Mureșanu” High School, Bistrița
Dates	2003 – 2004
Title of qualification awarded	Management of Higher Education Institutions and SMEs, Diploma P No. 0053/30.03.2004
Principal subjects/ occupational skills covered	Managerial and entrepreneurial skills for leading HE Institutions and SMEs, Module, 210 hours: General and strategic manag., project manag., quality manag., HR manag.
Providing organisation	Phare program, University of Medicine and Pharmacy Cluj-Napoca
Dates	2000 – 2001
Title of qualification awarded	Quality Auditor – Certificate AC 0127 / 02.02.2001
Principal subjects/ occupational skills covered	Module, 50 hours: Verifying and evaluating quality management systems. Competences as Lead auditor
Providing organisation	Romanian Association for Quality (Romanian repr. in the European Organisation for Quality)
Dates	1996 – 1997
Title of qualification awarded	Quality system manager – Certificate M0218 / 8.07.1997
Principal subjects/occupational skills covered	Module, 200 hours: Quality management systems, statistical tools, information management, quality costs Competences in design, implementation, control and improvement of quality management system
Providing organisation	Romanian Association for Quality (Romanian repr. in the European Organisation for Quality)
Dates	1997 February – March
Title of qualification awarded	Certificate of Attendance
Principal subjects/ occupational skills covered	Complex training program in quality management systems – 8 weeks ISO 9000 managerial model. Quality management – theoretical and practical aspects.
Providing organisation	University of Central Lancashire, Preston, UK
Dates	1997 November 17 – 25
Title of qualification awarded	Certificate of Attendance
Principal subjects/ occupational skills covered	1 week training: Quality assurance in education and Total Quality Management.
Providing organisation	University of Central Lancashire, Preston, UK
Dates	1998 February 7 – March 25
Title of qualification awarded	Certificate of Attendance
Principal subjects/ occupational skills covered	Training program 7 weeks: Environmental and quality management in automated manufacturing systems
Providing organisation	University of Central Lancashire, Preston, UK
Dates	1998 May 3 – 10
Title of qualification awarded	Certificate of Attendance
Principal subjects/ occupational skills covered	Design for Quality: tools and techniques for customer orientation of new product development
Providing organisation	University of Bologna, Ministry of Foreign Affairs, International Centre Bertinoro, Italy

## Personal skills and competences

Mother tongue	<b>Romanian</b>							
Foreign languages (*)	Understanding				Speaking			Writing
	Listening		Reading		Spoken interaction		Spoken production	
English (**)	C1	Proficiency	C1	Proficiency	B2	Intermediate	B2	Intermediate
French	B2	Intermediate	B2	Intermediate	B1	Pre-intermediate	B1	Pre-intermediate

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

\*\* *LCCI – JETSET Certificate Level 5 (CEF B2) June 2012*

Scientific skills and competences	PhD advisor in the field of Engineering and Management, 11 finalized PhD theses; Over 150 published scientific papers, 12 published books, courses and monographs; 30 published papers indexed in ISI Thomson Reuters databases, 4 in ISI TR Journals. Participation in over 50 research national and international projects and contracts as project director or project team member.
Social skills and competences	Positive attitude, good communication and teamwork skills, Experience in international and multicultural environments <ul style="list-style-type: none"> <li>- 3 Training of the trainers courses;</li> <li>- 18 years of experience as managerial consultant for socio-economic organisations;</li> <li>- Trainer in international courses (Bertinorro, Italy, 1999 and Cluj, Romania, 2006) with students from different European countries;</li> <li>- Coordinator or participant in international projects involving people from more than 20 countries (e.g. Tempus 1996-1998, Phare 1999-2000, Matra 2002-2003, Leonardo 2012-2014, FP7 2014-2016 etc.)</li> </ul>
Organisational skills and competences	Managerial and entrepreneurial skills: Coordination and administration of people, projects and budgets. Strategic development, Planning, monitoring and improvement <ul style="list-style-type: none"> <li>- Head of department for 7 years (1993-2000);</li> <li>- Responsible person (Director) for quality assurance of the University 4 years (2000-2004);</li> <li>- Head of research centre for 14 years (2002-present);</li> <li>- Director of an Innovation and Technology Transfer Centre 4 years (2012-present);</li> <li>- Vice-President of a National Council 3 years (1999 - 2001);</li> <li>- Management consultant and trainer for 18 years (1998-present);</li> <li>- Coordinator /director/in the team of 28 national and international R&amp;D&amp;I projects;</li> <li>- Co-initiator and/or co-operating in 5 national strategic projects;</li> <li>- Director General responsible for HE in the Ministry of Education for 4 years (2007-2011);</li> <li>- Vice-president of the University Senate from 2012.</li> </ul>
Technical skills and competences	Design, implementation, evaluation (audit) and improvement of quality and other standardised management systems Customer oriented product, process and organizational design, development and improvement Quality assurance of higher education Teaching/Training <ul style="list-style-type: none"> <li>- Trainee in international training programs in Great Britain, Germany, Austria, Italy for a total of 1 year's length of courses and practice in the field of quality</li> <li>- Certified quality system manager and quality system auditor</li> <li>- Consultant and trainer in the management field for more than 20 companies</li> <li>- Training for more than 400 managers in postgraduate study programs</li> </ul>
International acknowledgement:	<ul style="list-style-type: none"> <li>- Visiting professor/lecturer at T.U. Vienna (2000 -2006), Bologna University (International course on quality – Bertinoro, 1999) ;</li> <li>- Member in the international committee of 16 international prestigious conferences, 10 times chairing sections, 2 times Co-Chairman.</li> <li>- Initiator and co-chairing of the International Conf. for Quality and Innovation in Engineering and Management QIEM, indexed Thomson Reuters and other internat. data bases;</li> <li>- Member of the scientific committee of two journals on quality management;</li> <li>- Leadership in European projects (FP7, Leonardo, Erasmus) and initiatives (DTC Network).</li> <li>- Member (invited) in the Austrian association of quality specialists in higher education.</li> </ul>

Representative  
examples of publications

1. **Popescu, S.**, Dragomir, M., Pitic, D., Brad, E., Method for competitive environmental planning, ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL IF (2015) = 1.065, Volume: 11 Issue: (4), 2012, Pages: 823-828, Published: Apr 2012.
2. **Popescu, S.**; Dragan, M.; Dragomir, M.; et al., From organisational business performance to an environmental excellence framework, JOURNAL OF ENVIRONMENTAL PROTECTION AND ECOLOGY, IF(2014/2015): 0.838, Volume:14 Issue: 4, Pages: 1711-1718, Published: 2013,
3. Neamtu, C., Hurgoiu, D., **Popescu, S.**, Dragomir, M., Osanna, O., Training In Coordinate Measurement Using 3D Virtual Instruments, MEASUREMENT, IF (2014/2015) = 1.484, Volume: 45, Issue: 10, Pages: 2346-2358, Published: Dec. 2012.
4. Ilescu, F.; **Popescu, S.**; Dragomir, M.; et al., Public-private partnership in the water sector in Romania: success or failure?, WATER SCIENCE AND TECHNOLOGY-WATER SUPPLY, IF(2014/2015) 0.394, Volume: 13, Issue: 5, Pages: 1249-1256, Published: 2013.
5. **Popescu, S.**, Tifrea, D., Quality Management Systems' Maturity, a Measure of the ISO 9001 Implementation Process, QUALITY-ACCESS TO SUCCESS (Scopus), vol. 12, nr. 124, 2011.
6. **Popescu, S.**, Petrus, A., Risk Analysis Methods in Project Management. Critical Analysis, QUALITY-ACCESS TO SUCCESS (Scopus), Vol. 13, Nr. 127, pp. 73-76, ISSN 1582-2559, 2012.
7. Neamtu, C., **Popescu, S.**, Popescu, D., Mateescu, R., Using reverse engineering in archaeology: ceramic pottery reconstruction, J. of Autom. Mobile Robotics and Intellig. Systems, Vol:6, 55-59, 2012.
8. **Popescu, S.**, Brătianu, C., Atanasiu, G., Rusu, C., Oprean, C., Curaj, C., Buzănescu St., Ghidul calității în învățământul superior (The Guide for Quality in the Higher Education), Ed. Univ. București, 2004.
9. **Popescu, S.**, Crisan, L., Hurgoiu, D., Hedesiu, H., Roughness measurements using image acquisition, e&i Elektrotechnik und Informationstechnik, Austria, Vol: 116/4, Pages: 249-253, 1999.

Representative  
examples of projects

1. **TEMPUS S\_JEP** 11517-96: Quality School - Regional Pilot Centre for Continuous Learning in Quality Management and Assurance, 1997-1999, with: IQA London and Preston University (GB), Stuttgart University (G), T.U. Vienna, (AU);
2. **CNCSIS type B (research base with multiple users)**: "Inter university Center of research in quality engineering and management", 1999-2001;
3. **CNCSIS type D (master – doctorate)**: „Modern instrument and tools for quality management and engineering...”, 2000-2001;
4. **Leonardo da Vinci – Transfer of Innovation**, 2011-1-PL1-LEO05-19870, Blended learning course on Measurement Uncertainty for advanced vocational training, 2011-2013.
5. **FP7-INCO** - NoGAP The Knowledge Transfer Community, Bridging the gap between research, innovation and business creation, Grant No. 609531, 2014-2016.
6. **Erasmus+ - Strategic Partnership Projects**, 2015-1-PL01-KA202-016875, Geometrical Product Specification and Verification as toolbox to meet up-to-date technical requirements, 2015-2018.
7. **Industry** - Werth Messtechnik Germany, Software development for coordinate measuring machines. 2011-2012.