



## Europass Curriculum Vitae



### Personal information

Surname(s) / First name(s)

**Dumitru POPESCU**

Address

E-mail(s)

Dates

2004 - 2012

Occupation or position held

Dean of Automatic Control and Computers Faculty

Main activities and  
responsibilities

Management and coordination of education and research

Name and address of employer

University Politehnica of Bucharest  
Splaiul Independentei 313, 040062 Bucharest (Romania)

Type of business or sector

Education

Dates

1993 - present

Occupation or position held

Director of ACPC Research Centre

Main activities and  
responsibilities

Scientific research, director and project manager, expert, collaborator

Name and address of employer

University Politehnica of Bucharest  
Splaiul Independentei 313, 040062 Bucharest (Romania)

Type of business or sector

Academic research, national and international level

Dates

1991 - present

Occupation or position held

Professor

Main activities and  
responsibilities

Education in the field of Automatic Control and Systems Engineering,  
development of courses and laboratory activities, teaching courses, PhD  
supervisor

Name and address of employer	University Politehnica of Bucharest Splaiul Independentei 313, 040062 Bucharest (Romania)
Type of business or sector	Education
<b>Education and training</b>	
Dates	1961- 1966
Title of qualification awarded	Engineer degree
Principal subjects / occupational skills covered	Electronics, Computers, Signals and Systems, Automatic Control, Applied Informatics, Systems Engineering/ Education
Name and type of organisation providing education and training	Polytechnic Institute of Bucharest
Level in national or international classification	ISCED 5
Dates	1975- 1978
Title of qualification awarded	Ph.D. in Automatic Control and Systems Engineering
Principal subjects / occupational skills covered	Automatic Control, Systems Engineering, Process Control, Optimization and Management Decisions / Research
Name and type of organisation providing education and training	Polytechnic Institute of Bucharest
Level in national or international classification	ISCED 6
Dates	1975- 1980
Title of qualification awarded	Math college degree (mathematician)
Principal subjects / occupational skills covered	Mathematical analysis, Numerical calculus, Informatics, Differential Equations, Statistics and Probability / Research
Name and type of organisation providing education and training	University of Bucharest, Faculty of Mathematics and Informatics
Level in national or international classification	ISCED 6
<b>Personal skills and competences</b>	
Languages	<b>French, English</b>

Technical skills and competences

Technical experience in the fields of Automatic Control and System Engineering, Automatic Control and Industrial Informatics, in the design and production of projects and technologies for automation of industrial processes and implementation of numerical control systems in real-time, consultancy, evaluation and specialized technical assistance: 64 (45 as responsible) scientific research contracts; 4 technical patents; 24 (8 in abroad) monographs; 249 articles published in magazines and journals in the field of Automatic Control and System Engineering.

Technical competences proved during mandates as Dean of the Faculty of Automatic Control and Computers (2004-2012) and as director of the Research Center in Automation, Process Control and Computer APCC UPB (1993-present): by winning projects, coordinated or carried out in partnership: EUREKA IKF RO project, Information Knowledge Fusion (2001-2003); PAI-Brancus project, Virtual Laboratory and Remote Control (2003-2005); CEC-WYS-FP6, Central European Center for Young Scientists (2004-2006); ECONET, Réseau de Recherche en Automatique Avancée (2006-2008); ARCUS - project Grayshim in Automatique et Informatique Appliquée (2007-2009); CANTI, research platform for Advanced Control and New Information Technologies (2006-2009); Numerical Control Systems for Industrial Applications, SINAPSE, Innovation Program P5 contract 216/2008 (2008-2011); ERRIC, European Project FP7, WP6 responsible (2009-2014); Digital electronic control systems for wind turbines and photovoltaic cells ENERGYLIFE, Contract POSCCE 02.3.1, 486 / 31.07.2013 (2013-2014). PNIII-PED 228, Intelligent Systems for photovoltaic panels with variable orientation, SINTELPV, 2017-2019, UPB-ACPC.

Organisational skills and competences	<p>Organisational skills validated by coordinating teams of researchers, PhDs, assistants, from the Faculty of Automatic Control and Computers, University Politehnica of Bucharest, and by organizing conferences and public events in the country and abroad; member in the organizing committees at over 20 international conferences including: MED 2010, 2011, IFAC LSS 2010 Chile, IFAC MCPL- Sibiu 2007, Coimbra 2010, IFAC LSS -Gdansk 2007 IFAC SSC 2007 Brasil, CSCS 18 2011 Bucharest, ICSTCC– Sinaia, 2011-2016; chairman of the IFAC SSC'97 Conference of Bucharest, October 23-26, 1997, and the International Francophone Conference CIFA 2008, UPB-Faculty of Automatic Control and Computers, 3-5 September 2008; IFAC ACD conferences, Bucharest 2017 and Bologna 2019; chairman of invited session CSCS 2010, 2012, invited session ICSTCC 2013, 2014, 2015, 2016 Sinaia; co-chairman of the International Conference ICSCS 2012, Lille, France, August 25-26, 2012, and the International Conference ICSCS 2013, Lille, France, August 26-28, organized under the auspices of UST Lille and with the support of FP7-ERRIC; reviewer to important publications: Automatica, IEEE Trans., European Journal of Control, Academy Review, CEAI, UPB Scientific Bulletin, SIC Journal; member of the Romanian Society of Automation and Computer Engineering – SRAIT, member of the IFAC / TC6.1-Chemical Process Control 2003-present, member of the IFAC / TC8.4-Biosystems and Bioprocesses 2003-present, IEEE member 2008-present, member of EUCA- European Union Control Association 2009- 2013; IPC member of 26 conferences, international symposiums and workshops, general chairman of IFAC Conference, Advanced Control and Diagnosis-ACD, Bucarest 2017, and Bologna 2019.</p>
Computer skills and competences	<p>Documents editing and assisted design of Systems Engineering applications (Matlab, Simulink, software for assisted design and implementation of digital control systems WINPIM, WINREG, etc.), communication protocols, control systems in real time.</p>
Other skills and competences	<p>PhD advisor in the field of Automatic Control and Systems Engineering since 1993. (39 theses, including 11 as co-advisor with European universities); coordinator of the master program in Advanced Automation, 1997-2020;</p> <p>Dean of the Faculty of Automatic Control and Computers and member of the Senate of UPB, 2004-2012;</p> <p>Founder and director of "Ecole d 'Été Francophone en Commande Avancee et Nouvelles Technologies", 1994-2020;</p> <p>Member in Ed. Committee of SIC Int. Journal, 2009-2013, ISSN 1220-1766;</p> <p>Member in Ed. Committee of the AAIR Journal on Auomatics and Instrumentation, 2009-present, ISSN 978-606-25-0025-2.</p> <p>Member in Ed. Committee of RRIA, Roumanien Reviw on Informatics and Control, ISBN 1220-1758.</p> <p>Reviewer of Revue Roumaine d' Électrotechnique, UPB, ISSN 0035-4066;</p>

Reviewer of SIC Int. Journal, ISSN 1220-1766;  
 Reviewer of CEAI Int.Journal, factor de impact-0,7, semestrial, ISSN 1454-8658;  
 Reviewer of Annals AOSR, ISBN 978-606-8371-25-2;  
 Reviewer of UPB Scientific Bulletin A, ISBN 1223-7027 and C, ISBN 2286-3540.

#### **National recognition:**

Romanian Academy Award "Traian Vuia", for Identification and Control, in 1991;

Romanian Academy Award "Gh. Cartianu", for Wavelets: Theory and Applications", in 2012;

Academy of Romanian Scientists "Stefan Odobreja" prize, for "Optimization in Engineering Sciences- Exact Methods", Ed. John Wiley, in anul 2013;

Romanian Academy Award and "Grand Lodge" Award, for the collection of works "Optimization in Systems Engineering", published at Hermes Press, Paris and John Wiley Press, London, in 2015;

Romanian Academy of Technical Sciences "Vasile Catuneanu" prize, for "Optimisation en Sciences de l'Ingenieur "Methodes Euristiques, Stochastiques et Support Decisions", Editura Hermes-Lavoisier, Paris, in 2017;

Doctor Honoris Causa of the University Petrol si Gaze, from Ploiesti, 2019;

Academy of Romanian Scientists Martin Bercovici Prize "Process Control Design for Industrial Applications,, Ed. John Wiley, in anul 2019.

Corresponding member of the Academy of Romanian Scientists-AOSR, 2013;

Corresponding member of the Romanian Academy of Technical Sciences-ASTR, 2014.

#### **International recognition:**

Member of the IFAC / TC6.1-Chemical Process Control 2003- present;

Member of the IFAC / TC8.4-Biosystems and Bioprocesses 2003-present;

IEEE member 2008-present;

Member of EUCA- European Union Control Association 2009-2013;

IPC member over 30 conferences, international symposiums and workshops;

Editor in chief of the Hermes-Lavoisier et John Wiley Publications, 2016-present.

Editor in chef of the MCPI-Electronics Journal, for Control of Nonlinear Systems and Industrial Processes, 2020

Driving licence(s)

B

Date: 10.06.2020

Prof. dr. ing. Dumitru POPESCU