

Prof. Dumitru POPESCU- short CV



Scientific areas

Systems Engineering, Advanced Control and Applied Informatics, Numeric Control Systems Design, Adaptive and Robust Control, Mathematical Programming, Optimization, Real-Time Control Applications, Embedded Systems, HIL Systems.

Affiliations

Professor and Ph.D. advisor at Faculty of Automatics and Computers, Department of Automatics and System Engineering from “Politehnica” University of Bucharest, director of research center Automatics, Process Control and Computers-ACPC and director of the research spin-off Control Engineering and Energy-CE&E, Splaiul Independentei, 313, sector 6, 060042, Bucharest, Romania,
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Dumitru Popescu has received the title of professor in 1993 from the faculty of Automatic Control and Computer Science, Politehnica University of Bucharest. He received his M.S. in 1966, PhD degrees in 1978, and University of Bucharest, Faculty of Mathematics and Informatics in 1975, respectively. He has been visiting or invited professor in many foreign universities: Tampere University, (prof. I.Tabus), 1999; IP Torino (prof. Naldi), 1998, 2000; Ecole Supérieure d’Ingénieurs d’Annecy, Université de Savoie (prof. L. Foulloy) 2002, 2004; Ecole Centrale de Lille (prof. P. Borne), 2005, 2015; University of Konstanz (prof.F. Ionescu), 2009; Faculté de Mathématique et Informatique, Université Jules Verne de Picardie (prof. A.Hajjaji) 2003; ESIGELEC de Rouen (prof. Chafouk), 2018, 2019.

He served in the technical program committee of several conferences, including: MED 2010, 2011, IFAC LSS 2010- Chile, IFAC MCPL- Sibiu 2007 and Coimbra 2010, IFAC LSS -Gdansk 2007, IFAC SSC 2007 Brasil, CSCS 2011, 2013, 2015, 2017, 2019 2021-Bucharest, ICSTCC–Sinaia, 2011-2022, and as chairman of the IFAC SSC’97 Conference of Bucharest, October 23-26, 1997, of the International Francophone Conference CIFA 2008, UPB-Faculty of Automatic Control and Computers, 3-5 September 2008, of the International Conference ICSCS 2013, Lille, France, August 26-28, ICSTC Conference and co-chairman of the International Conference ICSCS 2012, Lille, France, August 25-26, 2012, organized under the auspices of UST Lille and with the support of FP7-ERRIC European project.

In the research area, professor Dumitru Popescu has published more than 220 research articles and 24 books in the field of Automatic Control. As the director of the Research Center in Automation, Process Control and Computer ACPC from UPB, he has coordinated or carried out projects in partnership: EUREKA IKF RO project, Information Knowledge Fusion (2001-2003); PAI-Brancus projects, 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 (2009-2013); Digital electronic control systems for wind turbines and photovoltaic cells ENERGYLIFE, project POSCCE 02.3.1, 486 / 31.07.2013 (2013-2014 and project PED 228, PNIII-SINTELPV, responsible (2017-2019).

He is PhD advisor in the field of Automatic Control and Systems Engineering since 1993 (32

theses, including 11 as co-advisor with European universities); coordinator of the master program in Advanced Automation, 1997-2022; he was dean of the Faculty of Automatic Control and Computers and member of the Senate of UPB, 2004-2012; founder and director of "Ecole d'Été Francophone en Commande Avancée et Nouvelles Technologies", 1994- present, and he is Associate editor from ISTE, Hermes-Lavoisier and John Wiley, from 2016 and Guest editor at MDPI Electronics Journal, from 2020.

He is member of the IFAC / TC6.1-Chemical Process Control 2003-present, member of the IFAC / TC8.4-Biosystems and Bioprocesses 2003-present, and from 2009-2013, was representing member for Romania in the General Assembly of the European Control Association, EUCA.

He received the Romanian Academy Award "**Traian Vuia**", 1991; Romanian Academy, Award "**Gh. Cartianu**", 2012; "**Stefan Odobreja**" Prize, Academy of Romanian Scientists in 2014 ; Romanian Academy Award and "**Grand Lodge**" Award in 2015 for the collection of works "Optimization in Systems Engineering", published at Hermes Press, Paris and John Wiley Press, London, 2013; "**Vasile Cartianu**" Prize, Romanian Academy of Technical Sciences in 2017 and "**Martin Bercivici**" Prize, Academy of Romanian Scientists, in 2019 and from 2019 is DHC from UPG- Romanian University.

He is now member of the Academy of Romanian Scientists-AOSR, and corresponding member of the Romanian Academy of Technical Sciences-ASTR from 2014

31/08/ 2022 Bucharest,

Prof. Dumitru Popescu

