

INFORMAȚII PERSONALE

Cristian OARA



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Sexul M | 01/03/1968 | Naționalitatea Romana

EXPERIENȚA PROFESIONALĂ

2004-present

Profesor, Departamentul de Automatica si Ingineria Sistemelor

Facultatea de Automatica si Calculatoare, Universitatea Politehnica Bucuresti (UPB), Bucuresti, Romania

- Director al Departamentului de Automatica si Ingineria Sistemelor (din 2012)
- Director al programului de master “Tehnici Avansate in Domeniul Semnalelor si Sistemelor”, UPB (din 2009)
- Profesor (din 2004), Conducator de Doctorat (din 2009)
- Coordonatorul grupului “Sisteme Dinamice si Optimizari” (din 2001)
- Asistent universitar, Sef de Lucrari, Conferentiar la Facultatea de Automatica si Calculatoare, UPB (1992-2004)

1999-2000

Cercetator la Department of Engineering,

Cambridge University, Cambridge, England, United Kingdom

Academic sector

1997-1999

Alexander von Humboldt Fellow

Institute of Robotics and System Dynamics, German Aerospace Center (DLR), Oberpfaffenhofen-Wessling, Germany

Research sector

1995-1997

Postdoctoral Fellow and NATO Research Fellow

Center of Systems Engineering and Applied Mechanics (CESAME), Universite Catholique de Louvain, Louvain-la-Neuve, Belgium

EDUCAȚIE ȘI FORMARE

1993-1995

Doctorat

EQF level 8

Facultatea de Automatica si Calculatoare, Universitatea Politehnica din Bucuresti

- Teza de doctorat: “Generalized Riccati Theory: A Popov function Approach (Extended Hamiltonian and Symplectic Pencils, the Signature Condition, Singular Perturbations and Applications)”

1987-1992

Facultate

EQF level 6

Facultatea de Automatica si Calculatoare, Universitatea Politehnica din Bucuresti, Diploma de Inginer

1982-1986

Liceu

EQF level 5

Liceul “Mihai Viteazu”, Bucuresti, Romania (matematica si fizica), Diploma de “Bacalaureat”

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COMPETENTE PERSONALE

Limba maternă Romana

Alte limbi	INTELEGERE		VORBIRE		SCRIERE
	Ascultare	Citire	Participare conversație	Discurs oral	
English	C1	C1	C1	C1	C1
French	B1	B1	B1	B1	B1
German	B1	B1	B1	B1	B1

INFORMATII SUPLIMENTARE

- Publicatii
- Proiecte
- Conferinte
- Distinctii
- Memberships

35 articole publicate in reviste ISI de top pe plan mondial (27 in Q1 in raport cu IF/AIS, e.g., Automatica, IEEE Transactions on Automatic Control, SIAM Journal on Control and Optimization, International Journal of Control, Linear Algebra and Its Applications, Systems & Control Letters, International Journal of Robust and Nonlinear Control, etc);

Suma IF ai tuturor publicatiilor > 70;

Citari (h-index): ISI 300 (9), Scopus 400 (11), Google 900 (14)

12 carti/capitole de carte publicate in edituri internationale/nationale de top (Wiley, Springer, Diderot, Ed. Academiei);

Peste 60 articole de conferinta in Proceedings-uri de conferinte internationale de top, e.g., Conference on Decision and Control (1995, 1996, 1997, 1998, 2009, 2011, 2013, 2015), American Control Conference (1997, 2000, 2001, 2002, 2010, 2011, 2013, 2015), European Control Conference (1995, 1997, 1999, 2009, 2014), Mathematical Theory of Network and Systems (1996, 1998, 2000, 2004, 2008, 2010, 2012), various IFAC Conferences (1995, 1998, 2009), etc.

Pozitii de prestigiu:

- Editor asociat IEEE Transactions on Automatic Control (1999-2002) – revista nr. 1 pe plan mondial in domeniul Automaticii;
- Editor asociat International Journal of Control, Taylor & Francis (2001-2007);
- Board editorial de monografii John Wiley & Sons (2000-2015);
- Expert evaluator pentru EC/ Romanian/EU & USA R&D Programmes (din 2000);
- CNATDCU: Consiliul General, vicepresedinte al Panelului de Inginerie (2010-2012), membru din 2016;
- ANCS, Membru in Colegiul Consultativ pentru Cercetare (din 2016);
- Reprezentantul Romaniei in Consiliul General al Organizatiei Europene de Automatica EUCA (din 2013);
- Comitetul IFAC pe Control Robust (din 2005).

Profesor sau speaker invitat:

- University of Groningen (The Netherlands);
- KU Leuven, University of Namur (Belgium);
- University of Oxford (UK);
- National University of Kyoto (Japan);
- University of Newcastle (Australia);
- National University of Singapore (Singapore);
- University of Illinois at Urbana Champaign, University of California at Los Angeles, University of Maryland, University of California at Davis (USA);
- SUPELEC, Universite de Lorraine (France).

Granturi de cercetare:

- Principal Investigator in 5 granturi cu Banca Mondiala, Fundatia Humboldt, CNCSIS si CNCS, valoare totala > 500 000 Euro;
- Participant in 7 granturi.

