





INFORMAȚII PERSONALE



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 <https://control.utcluj.ro/>

Sexul Feminin | Cetățenia Română

EXPERIENȚA PROFESIONALĂ

- 2020 - **Membru CNADTCU**
- 2015 **Atestat de abilitare în domeniul de studii universitare de doctorat**
Ingineria Sistemelor
- 2014-prezent **Profesor**
Universitatea Tehnică din Cluj-Napoca, Departamentul de Automatică
 - Activități didactice și de cercetare
- 2006-2014 **Conferențiar universitar**
Universitatea Tehnică din Cluj-Napoca, Departamentul de Automatică
 - Activități didactice și de cercetare
- 2004-2006 **Șef de lucrări**
Universitatea Tehnică din Cluj-Napoca, Departamentul de Automatică
 - Activități didactice și de cercetare
- 2002-2004 **Asistent universitar**
Universitatea Tehnică din Cluj-Napoca, Departamentul de Automatică
 - Activități didactice și de cercetare
- 1999-2002 **Preparator universitar**
Universitatea Tehnică din Cluj-Napoca, Departamentul de Automatică
 - Activități didactice și de cercetare
- 1998-1999 **Doctorand cu frecvență**
Universitatea Tehnică din Cluj-Napoca, Departamentul de Automatică
 - Activități didactice și de cercetare

EDUCAȚIE ȘI FORMARE

1998-2006	Doctor în Automatică Universitatea Tehnică din Cluj-Napoca	Nivelul 8 EQF
1997-1998	▪ Control avansat; Modelarea, optimizarea și controlul coloanelor de separare izotopice Diplomă de studii aprofundate Universitatea Tehnică din Cluj-Napoca, Profilul: Știința sistemelor și a calculatoarelor, Specializarea: Tehnici moderne în controlul automat	Nivelul 7 EQF
1997-1998	▪ Control avansat Diplomă de inginer Universitatea Tehnică din Cluj-Napoca, Facultatea de Automatică și Calculatoare, Specializarea Automatică și Informatică Industrială	Nivelul 7 EQF

COMPETENȚE PERSONALE

Limba maternă

Alte limbi străine cunoscute

Maghiară, Română

	ÎNȚELEGERE		VORBIRE		SCRIS
	Ascultare	Citire	Participare la conversație	Discurs oral	
	Engleză	C1	C1	C1	
Germană	A2	B2	A2	A2	B1

Niveluri: A1/2: Utilizator elementar - B1/2: Utilizator independent - C1/2: Utilizator experimentat
 Cadrul european comun de referință pentru limbi străine

INFORMATII SUPLIMENTARE

Publicații	<ul style="list-style-type: none"> ▪ h-index: 23 (Google Scholar), 18 (WOS) ▪ 13 cărți / capitole de cărți ▪ 138 lucrări în reviste cotate ISI sau conferințe ISI Proceedings ▪ 43 lucrări BDI ▪ 1 brevet ▪ 6 propuneri brevete
Proiecte	<ul style="list-style-type: none"> ▪ 4 proiecte instituționale (1 responsabil, 1 responsabil adjunct, membru în 2) ▪ 37 granturi / proiecte de cercetare (director la 17, membru în 20)
Conferințe	<ul style="list-style-type: none"> ▪ organizer of the special sessions “Fractional Order Modeling and Control” and “Separation process modeling and control” at the AQTR-2014 International Conference, Cluj-Napoca, Romania ▪ organizer of the International Conference on Fractional Signals and Systems, FSS 2015 ▪ organizer of the special session “Applied Fractional Order Calculus” at the AQTR-2016 International Conference ▪ organizer of the special session “Modern control methodologies and modeling techniques” at the AQTR-2018 International Conference ▪ Invited speaker at IEEE International Conference on Systems, Man, and Cybernetics October 9-12 2016, Budapest, Workshop on Women in Engineering http://physcon.uni-obuda.hu/?q=en/node/48 ▪ international program committee member at: ACSG 2017 – International Workshop on Advance Control in Smart Grid held in conjunction with the 21st International Conference on Control Systems and Computer Science, 29-31 MAY 2017; 18th International Carpathian Control Conference – ICCS 2017, 28-31 May 2017 Sinaia, Romania; IEEE-TTTC International Conference on Automation, Quality and Testing, Robotics AQTR 2014 (THETA 19), etc. ▪ Associate Editor for ICSTCC 2017 (21st International Conference on System Theory, Control and Computing) ▪ Program Committee Member of IEEE 30th Jubilee Neumann Colloquium, http://neumann-kollokvium.njszt.hu/#

- IPC member of the 7th IFAC Symposium on System Structure and Control, September 6-8, 2019, Sinaia, Romania
- Associate Editor for ICSTCC 2019 (22nd International Conference on System Theory, Control and Computing)
- organizer of the special session "Advances in fractional order modelling and control" at the 15th International Conference Dynamical Systems. Theory and Applications, December 2-5, 2019, Łódź, POLAND https://www.dys-ta.com/special_sessions
- Technical committee member at 2020 International Conference on Control and Decision (ICoCD 2020), Sydney, Australia, February 14-16, 2020, <http://www.icocd.org/com>
- Technical Committee Member ACSG 2021– International Workshop on Advanced Control in Smart Grid, <https://shiva.pub.ro/en/acsg2021/>
- Program Committee member at the 5th International Conference on Control and Fault-Tolerant Systems (SysTol'21) Sept 29 - Oct 1, 2021. Saint-Raphaël, France, <http://www.systol.org/systol21/>
- Reviewer of ICSTCC 2021 (Joint Conference of SINTES 25, SACCS 21, SIMSIS 25, CONTI 14), October 20 – 23, 2021, Iași, Romania, <https://icstcc2021.ac.tuiasi.ro/committees/list-of-reviewers/>
- Organizer of the special session "New trends in modelling and control of medical systems", ICSTCC 2021, <https://icstcc2021.ac.tuiasi.ro/authors/invited-sessions/>
- IPC member of the 11th IFAC Symposium on Biological and Medical Systems (BMS2021), Ghent, Belgium, 19-22 September 2021, <https://bms2021.ugent.be>
- Program Committee member of ICC 2022 (23rd International Carpathian Control Conference)
- Organizer of the special session "Transdisciplinary approaches in emerging engineering problems", IEEE AQTR Conference, Cluj-Napoca, Romania
- organizer of the special session "Impact of fractional calculus in modelling and control applications" at the International Conference on Mathematical Analysis and Applications in Science and Engineering, Jun 27-29, 2022, Porto, Portugal, https://www.isep.ipp.pt/Page/ViewPage/ICMASC_SS?fbclid=IwAR0toZurB1TgNMBOzFGUkeY_bfz_g3UyWEoT4iy-12JjYnmpcLk2z3jTRvs
- PC member 24th International Carpathian Control Conference, 2023, <http://mazzola.iit.uni-miskolc.hu/iccc2023/committee>
- International program committee member at the 27th International Conference on System Theory, Control and Computing, October 11-13, 2023, Timisoara, Romania, <http://icstcc2023.cs.upt.ro/committees/international-program-committee/>
- Program committee member IEEE International Conference on Automation, Quality and Testing, Robotics, AQTR 2024 (THETA 24), Cluj-Napoca, Romania, May 16-18, 2024 <https://aqtr.ro/>

Premii

- Premiul special al Salonului Internațional Inventika, București 2011 pentru invenția „Level Cryogenic Capacitive Transducer with Coplanar Plates for Liquid Nitrogen”
- Medaille d'or pour l'invention: Traducteur électronique analogique pour mesures de puissance en courant continu, Salon International des Inventions, Geneve, le 20 avril 2012
- FIRI Award for the best invention "Analog electronic transducer for DC power measurement", 40th International Exhibition of Inventions, New Techniques and Products Geneva, April 18-22, 2012, Geneva, Switzerland
- Special Award for "Analog Electronic Transducer for DC Power Measurement", Taiwan Invention Association, April 20, 2012
- Gold medal for the innovation „Analog Electronic Transducer for DC Power Measurement”, The Belgian and International Trade Fair for Technological Innovation, EUREKA 2012, Brussels
- Gold medal for „Cryogenic capacitive level sensor with coplanar plate for liquid nitrogen”, The XVI-th International Exhibition of Research, Innovation and Technological Transfer INVENTICA 2012, Iași
- Gold medal for „Intuitive Method and Electronic Device for Phase Measurement by Frequency Analyzer”, European Exhibition of Creativity and Innovation, EUROINVENT 2012, Iași
- Gold medal for „Analog Electronic Transducer for DC Power Measurement”, European Exhibition of Creativity and Innovation, EUROINVENT 2012, Iași
- Diploma de excelență și medalia de aur cu mențiune specială se acordă Munteanu A.R., Dulf E.H., Festila C., Munteanu R., Todoran G. pentru Grup de invenții, Salonul Internațional de Inventică PRO INVENT, ediția a X-a, 2012, Cluj-Napoca
- Medaille d'or pour l'invention: Capteur capacitif cryogénique pour la mesure du niveau d'azote liquide, Salon International des Inventions, Geneve, le 12 avril 2013
- FIRI Award for the best invention "Cryogenic capacitive transducer with coplanar plates, used to measure the level of liquid nitrogen", 41st International Exhibition of Inventions, New Techniques and Products Geneva, April 10-14, 2013, Geneva, Switzerland
- Gold medal for „Cryogenic Capacitive Transducer”, European Exhibition of Creativity and Innovation, EUROINVENT 2013, Iași

- Gold medal for „Cryogenic capacitive transducer with coplanar plates used to measure the liquid nitrogen”, The XVII-th International Exhibition of Research, Innovation and Technological Transfer INVENTICA 2013, Iași
- Marele premiu al Universității Tehnice a Moldovei se acordă Munteanu R.A., Dulf E.H., Festila Cl., Munteanu R. Pentru „Traductor criogenic capacitiv de nivel cu plăci coplanare pentru azot lichid”, Republica Moldova, 2013
- Medalie de argint pentru „Traductor criogenic capacitiv de nivel cu plăci coplanare pentru azot lichid”, INFOINVENT, Expoziția Internațională Specializată, Ediția a XIII-a, Chișinău, Republica Moldova, 2013
- Gold medal with mention for the innovation „Cryogenic capacitive transducer with coplanar plates used to measure the liquid nitrogen level”, The Belgian and International Trade Fair for Technological Innovation, EUREKA 2013, Brussels
- Diploma awarded to Munteanu R.A., Dulf E.H., Festila Cl., Munteanu R. for „Cryogenic capacitive transducer with coplanar plates used to measure the liquid nitrogen”, Brussels Innova 2013, 62nd Exhibition on Inventions, Research and New Technologies, 2013
- Medaille d'or pour l'invention: "Intuitive method and electronic device to establish the phase displacement by frequency analyzers", Salon International des Inventions, Geneve, le 2-6 avril 2014
- Golden award for "Intuitive method and electronic device to establish the phase displacement by frequency analyzers", 12th International Innovation Exhibition, 15-18 October 2014
- Medaille d'or pour l'invention: Wind turbine, Salon International des Inventions, Geneve, 2018
- Honorable Mention of China Delegation to E.H. Dulf, Radu A. Munteanu, Clement Festila, Radu Munteanu, "Wind Turbine", 46th International Exhibition of Inventions of Geneva, 13 apr. 2018
- Merit Award of International Strategic Technology Alliance (ISTA) to E.H. Dulf, Radu A. Munteanu, Clement Festila, Radu Munteanu, "Wind Turbine", 46th International Exhibition of Inventions of Geneva, 13 apr. 2018
- Distinguished Innovation Award of King Abdulaziz University to E.H. Dulf, Radu A. Munteanu, Clement Festila, Radu Munteanu, "Wind Turbine", 46th International Exhibition of Inventions of Geneva, 11-15 Apr. 2018
- Bronze medal for C. M. Ionescu, C.I. Muresan, E.H. Dulf, I. R. Birs, R.A. Munteanu "Workbench for automatic control of anesthesia", 15th edition Euroinvent, European Exhibition of Creativity and Innovation, May, 13, 2023
- Gold medal for C. M. Ionescu, C.I. Muresan, E.H. Dulf, I. R. Birs, R.A. Munteanu "Workbench for automatic control of anesthesia", Salonul International de Inventii si Inovatii "Traian Vuia" Timisoara, 15-17 june, 2023
- Diploma for C. M. Ionescu, C.I. Muresan, E.H. Dulf, I. R. Birs, R.A. Munteanu "Workbench for automatic control of anesthesia", Salonul International de Inventii si Inovatii "Traian Vuia" Timisoara, 15-17 june, 2023, Sylviu Kumbakisaka CEO
- Diploma of Excellence, Silver medal for C. M. Ionescu, C.I. Muresan, E.H. Dulf, I. R. Birs, R.A. Munteanu "Workbench for automatic control of anesthesia", XXVIIth International Exhibition of Inventions INVENTICA 2023, Iasi, Romania, 21-23 June 2023
- Gold medal for C. M. Ionescu, C.I. Muresan, E.H. Dulf, I. R. Birs, R.A. Munteanu "Workbench for automatic control of anesthesia", International Exhibition INVENTCOR, 4th edition, 14-16,09,2023m, Deva, Romania
- Diploma of Excellence, Gold medal for C. M. Ionescu, C.I. Muresan, E.H. Dulf, I. R. Birs, R.A. Munteanu "Workbench for automatic control of anesthesia", Salonul International al Cercetarii Stiintifice, Inovarii si Inventicii PRO INVENT, Editia XXI, 25-27 oct 2023, Cluj-Napoca, Romania
- Bronze medal for C. M. Ionescu, C.I. Muresan, E.H. Dulf, I. R. Birs, R.A. Munteanu "Workbench for automatic control of anesthesia", Salonul Inovarii si Cercetarii, 9-10 Noiembrie 2023, Galati,, Romania
- Lucrări premiate UEFISCDI

Activitate editoriață

- Membru al echipei editoriale al revistelor: International Journal of Advanced Robotic Systems (ISSN: 1729-8806), Intech și Journal of Control Science and Engineering (ISSN 2328-2231), David Publishing
- Recenzor la peste 20 reviste cotate ISI
- Guest Editor *Mathematics*, Special Issue "Applications of Mathematical Models in Engineering" 2020 https://www.mdpi.com/journal/mathematics/special_issues/math_model_eng
- Guest Editor *Sensors*, Special Issue "Fractional Sensor Fusion and Its Applications" https://www.mdpi.com/journal/sensors/special_issues/sensor_fusion
- Guest Editor *Applied Sciences*, Special Issue "Control and Automation" https://www.mdpi.com/journal/applsci/special_issues/Control_Automation
- Guest Editor *Applied Sciences*, Special Issue "Control and Automation" – vol.II https://www.mdpi.com/journal/applsci/special_issues/Control_Automation_II

- Guest Editor Mathematics, Special Issue
https://www.mdpi.com/journal/mathematics/special_issues/Model_Control_Health
- Editor *Mathematics* (Q1), <https://www.mdpi.com/journal/mathematics/editors#editorialboard>
- Editor *International Journal of Dynamics and Control*, Springer,
<https://www.springer.com/journal/40435/editors>

Profesor invitat

- MIMO Course, Ghent 2014, <http://www.mimocontrol.ugent.be/professors.html>
- Invited speaker la Conferința internațională SMC 2016, Workshop on Women in Engineering
<http://physcon.uni-obuda.hu/?q=en/node/48>
- Invited speaker International Workshop on Fractional Order Systems: Theory and Applications (FOSTA), 29 November 2021, <https://vc.linkingbitssystems.com/lobby/>
- BORDERLESS BIOMEDICAL MEETING CONFERENCE, organised UMF Iuliu Hațieganu Cluj-Napoca, <https://www.facebook.com/borderlessbiomed>
- Plenary paper, 27.04.2024. <https://kab.ro/>

Afiliari

- Senior IEEE member, Control Systems Society, Women in Engineering
- Membru extern al Academiei Maghiare de Științe
- Membru al Societății Inginerilor Automatizști (SRAIT), filiala Cluj-Napoca

ANEXE

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- <https://scholar.google.com/citations?user=5DGyzeAAAAAJ&hl=ro&oi=ao>
 - <https://www.scopus.com/authid/detail.uri?authorId=22034172800>
 - https://apps.webofknowledge.com/summary.do?product=WOS&parentProduct=WOS&search_mod_e=CitationReport&parentQid=1&qid=3&SID=D6YhehO4nruPigGKWMh&colName=WOS&&page=2
 - <https://orcid.org/0000-0002-6540-6525>