



Eva-H. Dulf

Data nașterii: 04/02/1974 | **Locul nașterii:** Cluj-Napoca, România | **Cetățenie:** română |

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EXPERIENȚA PROFESIONALĂ

UNIVERSITATEA TEHNICĂ DIN CLUJ-NAPOCA – CLUJ-NAPOCA, ROMÂNIA

PREȘEDINTELE COMISIEI PENTRU GESTIUNEA RESURSEI UMANE AL SENATULUI UNIVERSITĂȚII TEHNICE DIN CLUJ-NAPOCA – 2024 – ÎN CURS

https://www.utcluj.ro/media/documents/2024/Comisii_Senat_2024_.pdf

MEMBRU COMISIA NAȚIONALĂ DE ATESTARE A TITLURILOR, DIPLOMELOR SI CERTIFICATELOR UNIVERSITARE (CNATDCU) – 2020 – ÎN CURS

<http://www.cnatdcu.ro/paneluri-cnatdcu/>

PROFESOR UNIVERSITAR – 2014 – ÎN CURS

Activități didactice și de cercetare

CONFERENȚIAR – 2007 – 2014

Activități didactice și de cercetare

ȘEF LUCRĂRI – 2002 – 2007

Activități didactice și de cercetare

ASISTENT UNIVERSITAR – 1999 – 2002

Activități didactice și de cercetare

DOCTORAND CU ACTIVITĂȚI DIDACTICE – 1998 – 1999

Activități didactice și de cercetare

EDUCAȚIE ȘI FORMARE PROFESIONALĂ

2015 Cluj-Napoca, România

ATESTAT DE ABILITARE ÎN DOMENIUL DE STUDII UNIVERSITARE DE DOCTORAT INGINERIA SISTEMELOR
Universitatea Tehnică din Cluj-Napoca

Nivel CEC Nivelul 8 CEC

1998 – 2006 Cluj-Napoca, România

DOCTOR ÎN AUTOMATICĂ Universitatea Tehnică din Cluj-Napoca

Advanced control system design

Isotope separation columns modelling, optimisation and control

Domeniu de studiu Inginerie, activitate manufacturieră și construcții | **Nivel CEC** Nivelul 8 CEC

1997 – 1998 Cluj-Napoca, România

STUDII APROFUNDATE Universitatea Tehnică din Cluj-Napoca, Tehnici moderne în controlul automat

Domeniu de studiu Inginerie, activitate manufacturieră și construcții | **Nivel CEC** Nivelul 7 CEC

Nivel CEC Nivelul 6 CEC

COMPETENȚE LINGVISTICELimbă(i) maternă(e): **MAGHIARĂ** | **ROMÂNĂ**

Altă limbă (Alte limbi):

	COMPREHENSIUNE		VORBIT		SCRIS
	Comprehensiune orală	Citit	Exprimare scrisă	Conversație	
ENGLEZĂ	C1	C1	C1	C1	C1
GERMANĂ	A2	B2	A2	A2	B1

Niveluri: A1 și A2 Utilizator de bază B1 și B2 Utilizator independent C1 și C2 Utilizator experimentat

COMPETENȚE

Microsoft/ Microsoft Office

PUBLICAȚII**Metrici**

h-index: 26 (Google Scholar), 20 (WOS)

top 2% scientist: <https://topresearcherslist.com/Home/Profile/911800>

- 13 cărți și capitole de cărți
- 161 lucrări în reviste WoS și conferințe indexate WoS
- 43 lucrări la conferințe internaționale
- 6 propuneri de brevet
- 1 brevet

Lista de lucrări<https://publons.com/researcher/1447529/eva-henrietta-dulf/><https://orcid.org/0000-0002-6540-6525><https://www.scopus.com/authid/detail.uri?authorId=22034172800>**CONFERINȚE ȘI SEMINARE****Lista conferințelor cu rol de organizator sau organizator de sesiune specială**

- 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
- 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
- Organizer of the special session “New trends in modelling and control of medical systems”, ICSTCC 2021, <https://icstcc2021.ac.tuiasi.ro/authors/invited-sessions/>
- Organizer of the special session “Transdisciplinary approaches in emerging engineering problems”, IEEE AQTR Conference 2022, 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, Jun27-29 , 2022, Porto, Portugal, https://www.isepp.pt/Page/ViewPage/ICMASC_SS?fbclid=IwAR0toZurB1TgNMB0zFGUkeY_bfZg3UyWEoT4iy-12JjYnrmceLK2z3jTRvs

■ Organizer of Special Session „Impact of fractional calculus in modelling and control applications” at the International Conference on Mathematical Analysis and Applications in Science and Engineering-ICMASC’24 that took place at the School of Engineering of the Polytechnic of Porto, on June 20-22, 2024, <https://www2.isep.ipp.pt/icmasc/>

Lista conferințelor cu rol de membru colectiv editorial, membru comitet de program, președinte de secțiune

■ ICSTCC Conference Editorial Board member 2014

■ international program committee member at ACSI 2017 – International Workshop on Advance Control in Smart Grid held in conjunction with the 21th International Conference on Control Systems and Computer Science, 29-31 MAY 2017;

■ international program committee member at 18th International Carpathian Control Conference – ICC 2017, 28-31 May 2017 Sinaia, Romania;

■ international program committee member at 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 (22st International Conference on System Theory, Control and Computing)

■ 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 ACSI 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/>

■ 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) , <https://ace.ucv.ro/iccc2022/committees.php>

■ 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/>

■ International Program Committee member at the 25th International Carpathian Control Conference – ICC 2024, 22-24 May 2024 in Krynica Zdrój, Poland, <https://iccc.agh.edu.pl/committees/>

■ IPC member at the 4th Workshop on Internet Based Control Education (IBCE2024), 18-20 September 2024, Ghent Belgium, <https://ibce24.ugent.be/>

■ CHAIR OF A SESSION at the International Conference on Mathematical Analysis and Applications in Science and Engineering-ICMASC’24 that took place at the School of Engineering of the Polytechnic of Porto on June 20-22, 2024, <https://www2.isep.ipp.pt/icmasc/>

■ Editorial board member of the 29th International Conference on System Theory, Control and Computing ICSTCC 2025 (Joint Conference SINTES 29, SACCS 25, SIMSIS 29, CONTI 18) October 9 - 11, 2025 Cluj-Napoca, ROMANIA <https://icstcc2025.utcluj.ro>

■ Technical Program Committee member 29th IEEE International Conference on Intelligent Engineering Systems 2025 <http://www.ines-conf.org/ines-conf/2025committees.html>

PROIECTE

Metrici

- 4 proiecte instituționale (1 responsabil, 1 responsabil adjunct, membru în 2)
- 37 granturi / proiecte de cercetare (director la 17, membru în 20)

<https://control.utcluj.ro/projects/#RepProjects>

DISTINCȚII ONORIFICE ȘI PREMII

Selecție de premii și diplome

■ Medaille d’or de remettre pour l’invention: Traducteur électronique analogique pour mesures de puissance en courant continu, Salon International des Inventions, Geneve, 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 „Cyogenic 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 „Analog Electronic Transducer for DC Power Measurement”, European Exhibition of Creativity and Innovation, EUROINVENT 2012, Iași
- Medaille d'or pour l'invention: Capteur capacitif cryogenique pour la mesure du niveau d'azote liquide, Salon International des Inventions, Geneve, le 12 avril 2013
- Gold medal for „Cryogenic Capacitive Transducer”, European Exhibition of Creativity and Innovation, EUROINVENT 2013, Iași
- 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
- Special Award for "Analog Electronic Transducer for DC Power Measurement", Taiwan Prominent Inventor Association, Brussels, 2014
- Gold medal for the innovation „Analogue electronic transducer for measuring power in direct current circuits”, The Belgian and International Trade Fair for Technological Innovation, EUREKA 2014, Brussels
- 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, ARCA, 15-18 October 2014, Zagreb, Croatia
- CAI Award, Prize of China Delegation of the Exhibition in recognition of the outstanding performance and idea demonstrated by the invention "Nonconventional algorithm for frequency analysis", 43rd International Exhibition of Inventions, New Techniques and Products, Geneva, 15-19 April, 2015
- Gold medal and the Rostislav Alekseev Award for "Nonconventional algorithm for frequency analysis", 43rd International Exhibition of Inventions, New Techniques and Products, Geneva, 15-19 April, 2015
- Gold medal with special mention offered for "Nonconventional algorithm for frequency analysis", The XIX-th International Exhibition of Research, Innovation and Technological Transfer "Inventica 2015", Iasi, Romania, June 24-26, 2015
- Gold medal for "Nonconventional algorithm for frequency analysis" 64th Bruxelles-EUREKA , INNOVA , 19-21 Nov 2015, Bruxelles, BELGIA
- Award of Poland and Belgium for "Nonconventional algorithm for frequency analysis" 64th International Exhibition of Inventions, Bruxelles-EUREKA, INNOVA , 19-21 Nov 2015, Bruxelles, BELGIA
- Gold medal for "Wind Turbine", Salon International des Inventions Geneve, 13 apr. 2018
- Merit Award of International Strategic Technology Alliance (ISTA) for "Wind Turbine", 46th International Exhibition of Inventions of Geneva, 13 apr. 2018
- Distinguished Innovation Award of King Abdulaziz University for "Wind Turbine", 46th International Exhibition of Inventions of Geneva, 11-15 Apr. 2018
- Bronze medal for "Workbench for automatic control of anesthesia", 15th edition Euroinvent, European Exhibition of Creativity and Innovation, May, 13, 2023
- Gold medal for "Workbench for automatic control of anesthesia", Salonul International de Inventii si Inovatii "Traian Vuia" Timisoara, 15-17 june, 2023
- Gold medal for "Workbench for automatic control of anesthesia", International Exhibition INVENTCOR, 4th edition, 14-16,09,2023, Deva, Romania

● ACTIVITATE EDITORIALĂ

Editor sau editor invitat

- Editorial board member of the International Journal of Advanced Robotic Systems (ISSN: 1729-8806), Intech and Journal of Control Science and Engineering (ISSN 2328-2231), David Publishing
- Reviewer of more than 20 international ISI journal, like Nature Communications, Nonlinear Dynamics, Engineering Applications of Artificial Intelligence, IET Control Theory & Applications, Asian Journal of Control, The Canadian Journal of Chemical Engineering, IEEE Access, Operations Research Forum, IEEE Transactions on Industrial Electronics, IEEE Transactions on Artificial Intelligence, IEEE-IAS, IEEE Transactions on Circuits and Systems II: Express Briefs, Journal of Process Control, Journal of Control and Decision, Mathematics, Sensors, Fractal and Fractional, Frontiers in Artificial Intelligence, CEAI, etc.
- 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
- Guest Editor *Applied Sciences*, Special Issue „Evolutionary Computation in Biomedical Signal Processing” https://www.mdpi.com/journal/applsci/special_issues/DEIH78VI5V

- Guest Editor *Electronics*, SI "Computer Vision and Machine Learning for Biometric Systems", https://www.mdpi.com/journal/electronics/special_issues/OHP74W85O7
- Topical Advisory Panel Member, *Applied Sciences*, https://www.mdpi.com/journal/applsci/topical_advisory_panel?search=Dulf
- 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

Lista

- MIMO Course, Ghent 2014, <http://www.mimocontrol.ugent.be/professors.html>
- Invited speaker at IEEE International Conference 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>
- INVITED PLENARY SPEAKER AT THE EME XXV TECHNICAL SCIENTIFIC SESSION, Cluj-Napoca, 2024.11.23., <https://www.eme.ro/muszakitudomanynap/program.html>

● AFILIERI

Lista

- Vice-președinte Women in Engineering Romania
- Senior IEEE member, Control Systems Society, Women in Engineering
- Membru asociat al Academiei de Științe Tehnice din România (ASTR)
- Membru extern al Academiei Maghiare de Științe
- Membru al Societății Inginerilor Automatizări (SRAIT), filiala Cluj-Napoca