

Curriculum vitae



Personal information

Surname / Name

DANCIU Daniela

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Webpages

Brain map: <https://www.brainmap.ro/daniela-danciu>

ORCID: <http://orcid.org/0000-0002-3854-2986>

Web of Science Researcher: <https://www.webofscience.com/wos/author/record/HPD-4610-2023>

SciProfiles: <https://sciprofiles.com/profile/daniela-danciu>

Scopus: <https://www.scopus.com/authid/detail.uri?authorId=23392052600>

Google Scholar: <https://scholar.google.com/citations?user=SQEd30AAAAJ&hl=en&oi=ao>

Web personal: <https://sites.google.com/view/danieladanciu/home>

Research interests

Nonlinear Dynamical Systems
Artificial Neural Networks
Distributed Parameter Systems
Advanced Signal Processing Techniques

Nationality

Romanian

Sex

Female

Work experience

Professor, Researcher

Period

2000 – present

Occupation or position held

Full Prof., Ph. D. Supervisor (2019 – present)
Assoc. Prof. (2008 – 2019)
Assist. Prof. (2003 – 2008)
Lecturer (2000– 2003)

Activities and responsibilities

Didactic activity for students (course, seminar, laboratory, project) for bachelor and master programs
Contract-based research activity as well as research activity at personal level
Managerial activity for national / international research contracts/grants

Employer's name and address

University of Craiova, Faculty of Automation, Computers and Electronics, Department of Automatic Control and Electronics, str. A.I. Cuza, nr. 13, 200585 Craiova, Romania

Type of business or sector

Higher education and research

Period

2020- present

Occupation or position held

Member of Doctoral School „Constantin Belea” of the Faculty of Automation, Computers and Electronics, University of Craiova, Romania

Activities and responsibilities

Evaluation and validation of Ph.D. and habilitation theses of the members of the Faculty of Automation, Computers and Electronics

Employer's name and address

University of Craiova, Faculty of Automation, Computers and Electronics, Department of Automatic Control and Electronics, str. A.I. Cuza, nr. 13, 200585 Craiova, Romania

Type of business or sector

Higher education and research

Period

1999 - 2000

Occupation or position held

Software engineer

Activities and responsibilities	Design and development of informatic systems Research activity at personal level
Employer's name and address	AJOFP Dolj, Craiova
Type of business or sector	Socio-economic sector; Research
Period	1993 - 1999
Occupation or position held	Software engineer
Activities and responsibilities	Design and development of informatic systems in chemical industry Research activity at personal level
Employer's name and address	DOLJCHIM S.A., Işalniţa, Dolj county
Type of business or sector	Chemical Industry; Research
Period	1990 - 1993
Occupation or position held	Engineer, Department of Control and Instrumentation
Activities and responsibilities	Monitoring some specific control systems in the largest thermal power plant in Romania
Employer's name and address	S.E. Turceni, Gorj county
Type of business or sector	Energy Industry
Period	1990 – 1991, 1993 - 2000
Occupation or position held	Part-time associate lecturer; PhD. student
Activities and responsibilities	Didactic activity for students (seminar, laboratory) for bachelor programs; Research
Employer's name and address	University of Craiova, Faculty of Automation, Computers and Electronics, Department of Automatic Control, str. A.I. Cuza, nr. 13, 200585 Craiova, Romania
Type of business or sector	Higher education and research
Education and training	
Period	1993 - 2003
Qualification awarded	Diploma Doctor Engineer (Ph. D.) in Control Systems, thesis title: "Qualitative problems in the dynamics of neural networks", Scientific advisor: Prof. Vladimir RĂSVAN
Main studied subjects / acquired professional competencies	Advanced subjects in the fields of Systems theory, Control engineering, and Neural networks / Scientific research and results dissemination in the aforementioned scientific fields.
Education or training organization's name and locality	University of Craiova, Craiova
Period	October 1985 – June 1990
Qualification awarded	Diploma Engineer (five years studies: equivalent to bachelor's + master's Bologna degrees), Profile: Electric, Specialization: Automation and Computers
Main studied subjects / acquired professional competencies	Mathematics, Physics, Mechanics, Electrotechnics, Electronics, Computer science, Engineering software, Systems Theory, Control systems, Fundamentals of Economics etc.
Education or training organization's name and locality	University of Craiova, Faculty of Automation and Computers, Craiova
Period	September 1980 – June 1985
Qualification awarded	Baccalaureate diploma
Main studied subjects / acquired professional competencies	Mathematics, Physics, Informatics, Chemistry, Biology, Geography, German, French etc.
Education or training organization's name and locality	Mathematics-physics profile, "Nicolae Bălcescu" High school, Craiova

Specializations and scholarships

Period	November-December 2001
Activity	Doctoral research internship
Education or training organization's name and locality	Institute of Information Technology, School of Technology "Tomaš Bata", University of Zlin, Czech Republic
Period	February - March 2002
Activity	Doctoral research internship
Education or training organization's name and locality	École Supérieure d'Ingénieurs en Electronique et Electrotechnique ESIEE, Noisy-le-Grand, Paris, France

Skills and competences

Mother tongue

Other languages/self-assessment

Romanian

English Language

French Language

German Language

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user	C1	Proficient user
B1	Independent user	C1	Proficient user	B1	Independent user	B1	Independent user	B2	Independent user
A2	Basic user	A2	Basic user	B1	Independent user	B2	Basic user	B1	Independent user

(*)Common European Framework of Reference for Languages

Communication skills and competences

- Teamwork skills: experience gained in national and international research projects and grants in which I participated as director / project manager and principal investigator or as a member.
- Adaptability to multicultural and intercultural work environments: experience gained in international mobilities in which I participated, namely international projects, scientific conferences, study visits, research internships, teaching activity in SCORATES and ERASMUS+ programs, etc.
- Interpersonal and group communication skills.

Organizational / managerial skills and competences

Experience in research project management

- Experience in project management, acquired as a research project director/responsible and principal investigator in research teams at national and international level, as well as a UCV responsible and scientific expert in projects financed by European funds.

Managerial experience in management positions or structures

- Vice-Chair of IEEE Control Systems Society, Romania Chapter (since 2021)
- President of Craiova Branch of SRAIT (Romanian Society of Automatic Control and Technical Informatics, NMO at IFAC) (since 2012)
- Member of the Extended Steering Committee of SRAIT (since 2012)
- Member of the Council of the Doctoral School "Constantin Belea", IOSUD University of Craiova (since 2020)
- Head of the Master's Field Systems Engineering, University of Craiova (2018-2023)
- Member of the Commission for Image and International Relations, Faculty of Automatic Control, Computers and Electronics, University of Craiova (since 2012)
- President of the Bachelor's Examination Commission, Multimedia Systems Engineering specialization (2024, 2025)

Experience in scientific conferences organization

- IEEE International Conference on System Theory, Control and Computing ICSTCC (2020, 2016, 2010), member of the organizing committee [IEEE]
- 7th IFAC Symposium on System Structure and Control, Sept. 2019, Program Editor [IFAC]

Technical skills and competences

- 15th IFAC Workshop on Time Delay Systems, Sept. 2019, Program Editor [IFAC]
 - 5th IFAC Workshop on Time Delay Systems TDS, 2009, member of the organizing committee [IFAC]
- Experience in special sessions organization at scientific conferences**
- Invited session: "PROPAGATION – DELAYS – CONTROL", *IEEE International Conference on System Theory, Control and Computing ICSTCC*, 2017.
 - Invited session: „Structures, Algorithms, Methods and Applications in Artificial Intelligence“, *IEEE International Conference on System Theory, Control and Computing ICSTCC*, 2016.
 - Invited session: „Structures, Algorithms, Methods and Applications in Artificial Intelligence“, *International Work-conference on Artificial Neural Networks IWANN*, 2015.
 - Invited session: „Biological and bio-inspired dynamical systems for computational intelligence“, *IEEE International Conference on System Theory, Control and Computing ICSTCC*, 2014.
 - Invited session: „Biological and bio-inspired dynamical systems for computational intelligence“, *International Work-conference on Artificial Neural Networks IWANN*, 2013.
 - Invited session: „Biological and Bio-Inspired Dynamical Systems“, *International Work-conference on Artificial Neural Networks IWANN*, 2011.
- Experience as chair/co-chair of sessions at international scientific events**
- Regular session "Mathematical for Neural Networks", *13th International Work-conference on Artificial Neural Networks IWANN*, 2007, San Sebastian, Spain
 - Invited session "Structures, algorithms, methods and applications in artificial intelligence", *ICTSCC 2016*
 - Plenary session "Neural Behaviors: A Control Perspective", plenary speaker Rodolphe SEPULCHRE (UK), *ICSTCC 2016*
 - Invited session "Propagation - Delays - Control", *ICSTCC 2017*
 - Invited session "Frequency Domain Techniques for Time-delay Systems: Methods and Computational Issues", *20th IFAC World Congress*, 2017, Toulouse, France
 - Regular session "Oscillatory Phenomena in Engineering and Embedded Systems", *ICSTCC 2018*
 - Regular session "Modeling, Simulation and CAD Tools", *ICSTCC 2019*
 - Plenary session "Time Delay Models in Biological Systems", plenary speaker Hitay Özbay (TR), *Joint 7th Symposium on System Structure and Control SSSC and 15th Workshop on Time Delay Systems TDS*, 2019
 - Regular session "Applications of Time Delay Systems", *Joint 7th Symposium on System Structure and Control SSSC and 15th Workshop on Time Delay Systems TDS*, 2019
 - Plenary session "Cognitronics: Resource-efficient Architectures for Cognitive Systems", plenary speaker Ulrich RÜCKERT (Germany), *ICSTCC 2020*.
- Expert evaluator**
- Expert evaluator CNCSIS (National Council for Scientific Research in Higher Education) since 2010
 - Expert evaluator ARACIS (Romanian Agency for Quality Assurance in Higher Education), Commission C11: Engineering Sciences II / Field: Systems Engineering, since 2011
 - Member of IFAC ECC 2023 *Selection committee for the student support programs ECC* financed by EUCA (European Control Association) and FAM (Foundation for Advancement in Mathematics)
- Member of IFAC (International Federation of Automatic Control) Technical Committees**
- TC 2.2 Linear Control Systems (CC 2 – Design Methods), since 2020
 - TC 2.6 Distributed Parameter Systems (CC 2 – Design Methods), since 2015
 - TC 9.5 Technology, Culture and International Stability (CC 9 - Social Systems), since 2018
- Reviewer for journals, conferences, books:**
- **Web of Science, Clarivate Analytics indexed journals (selection)**
 - *IEEE Transactions on Neural Networks and Learning Systems*
 - *Neurocomputing*
 - *Applied Mathematical Modelling*

	<ul style="list-style-type: none"> – <i>Journal of Control Engineering and Applied Informatics</i> – <i>IET Control Theory & Applications</i>, – <i>IMA Journal of Mathematical Control and Information</i> – <i>Soft Computing</i>, – <i>Journal of Mechanics in Medicine and Biology</i> – <i>Kybernetika</i> – <i>Applied Soft Computing</i> <ul style="list-style-type: none"> ▪ ISI Proceedings or recognized BDI indexed conferences (IEEE, SpringerLink, ScienceDirect): <ul style="list-style-type: none"> – <i>IEEE CDC Conference on Decision and Control</i>, 2024, Italy – <i>IFAC WC World Congress</i> (2017, France; 2023, Japan) – <i>IFAC TDS Time-Delay Systems</i> (2007, 2016, 2018, 2021, 2022, 2023, 2024, 2025) – <i>IFAC MTNS Mathematical Theory of Networks and Systems</i>, 2020, United Kingdom – <i>IFAC COSY Workshop on Control of Complex Systems</i>, (2022 Italy, 2025 France) – <i>IEEE SACI International Symposium on Applied Computational Intelligence and Informatics</i> (2007, 2009, 2011, 2013, 2015, 2016, 2018, 2019, 2020), Romania – <i>IFAC NOLCOS Symposium on Nonlinear Control Systems</i> (2019) – <i>IEEE AFRICON</i> 2009, Kenya – <i>IEEE ICC-CONTI Int. Joint Conf. Computational Cybernetics and Technical Informatics</i> 2010, Romania – <i>ICSTC Int. Conf. System Theory and Control</i> 2010, Romania – <i>IEEE ICSTCC Int. Conf. System Theory, Control and Computing</i> (2011, 2012, 2013, 2014, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023), Romania – <i>IWANN Int. Work-Con. Artificial Neural Networks</i> (2011, 2013, 2015, 2017, 2019, 2021, 2023, 2025), Spain – <i>IEEE ICC-Int. Carpathian Control Conference</i> (2015 Hungary, 2017 Romania, 2019 Poland, 2020 Slovakia, 2023 Hungary) – <i>IEEE IFAC ICCAD International Conference on Control, Automation and Diagnosis</i> (2023 Italy, 2024 France, 2025 Spain) – <i>IEEE ICATE Int. Conf. Applied and Theoretical Electricity</i> (2012, 2014, 2016, 2018), Romania – <i>CSCS International Conference on Control Systems and Computer Science</i> (2019, 2023) – <i>IEEE EHB E-Health and Bioengineering</i> (2013, 2015, 2017, 2019, 2020, 2021, 2022, 2023, 2025), Romania – <i>ECC European Control Conference</i> (2013, Switzerland; 2023, Romania, 2025 Greece) – <i>IFAC ALCOS International Workshop on Adaptive and Learning Control Systems</i>, 2022, Morocco – <i>IEEE CoDIT International Conference on Control, Decision and Information Technologies</i> (2019 France, 2020 Czech Republic, 2022 Turkey, 2025 Croatia) – <i>IDC Int. Symposium on Intelligent Distributed Computing</i> 2016, France – <i>INISTA Int. Symposium on INnovations in Intelligent SysTems and Applications</i> 2016, Romania – <i>DECOD DELays and CONstraints in Distributed parameter systems</i> (2019, 2020, 2021), France
Computer skills and competences	<ul style="list-style-type: none"> ▪ MS Office applications, LATEX ▪ Computer graphics applications, Internet browsing etc. ▪ Programming languages and environments: MATLAB / Simulink, LabVIEW, HTML, CSS, ADOBE Dreamweaver, NeuroSolutions etc.
Other skills / certifications	<ul style="list-style-type: none"> ▪ Certificate: Graduation of university pedagogical seminar, 1990 ▪ Certificate: Financial Arrangements, Programme: <i>Programming and implementation of the pre-adherence assistance for PHARE CES and the transition to the Structural Funds</i>, Formez Italy & European Integration Romanian Ministry, 2005 ▪ Certificate: Projects Implementation, Programme: <i>Programming and implementation of the pre-adherence assistance for PHARE CES and the transition to the Structural Funds</i>, Formez Italy & European Integration Romanian Ministry, 2005

Habilitation and PhD advisor

Projects and grants

Summary

- **Project Management and Team Building**, European Training Centre Copenhagen, Denmark & University of Craiova, Romania, 2014
- **Certificate: Entrepreneurial Competence - Dimension of Professional Development of University Teaching Staff**, Postgraduate program of Continuing Education - professional development of adults, CNC/EQF qualification level 6, 2023
- **Habilitation Thesis: Qualitative Analysis and Control of Nonlinear Systems. Computational Modeling and Stabilization of Distributed Parameter Systems**, 2019
- **PhD advisor**, Field: Systems Engineering, IOSUD University of Craiova, since 2019
- **Member in Doctoral thesis defense committees**
 - Arun Fabian PANAITE, Ph. D. thesis title: "Study regarding motion capture and identification", University of Petroșani, 2024
 - Ionel IORGA, Ph. D. thesis title: "PIO Criteria - Robust Stability Techniques, Influences of Human Operator Dynamics", University of Craiova, 2013
- **Member in Doctoral thesis guidance/admission/examination committees**
Drd. eng. Chiriac Alexandra, Drd. eng. Chioaru Otilia Cristiana, Drd. eng. Ciobanu Teofil-Constantin, Drd. eng. State Claudia, Drd. eng. Toader Adrain, Drd. eng. Neacă Andreea-Maria, Drd. eng. Joița Florinel, Drd. eng. Popa Bogdan, Drd. eng. Șoimu Andreea, Drd. Iorga Ionel, Drd. eng. Bunciu Elena

Research projects / grants

- International research projects / grants:** 3 (2 as director / responsible)
- National research projects / grants:** over 10 (2 as director)
- Budget of the research projects:** over 587.500 EUR (as director / responsible)
- Funds attracted for UCv through research projects/grants:** approx. 61.350 EUR (as director / responsible)
- Scholarships for international doctoral research internships:** 2 scholarships for doctoral students, Budget: over EUR 9,380 (as director / responsible)
- International research projects / grants**
- **ProCO: Systems with Propagation: New Approaches in Control Design for Oscillations Quenching**, PNCDI III, UEFISCDI: PN3-P3-229/04.04.2017, Contract no. 78 BM/2017, international bilateral project Romania-France „Brâncuși”, 2017-2018. French partner: Laboratoire des Signaux et Systèmes (L2S), CNRS – Centrale Supélec – Université Paris Sud, France. [Period: 2017-2018, Duration: 24 months, Budget for UCv: approx. 4.970 EUR, Director of the Romanian partner + Principal investigator]
 - **Doctoral research scholarship:** Bogdan POPA (PhD student), École supérieure d'électricité (SUPELEC), Paris, France, 2017, Duration: 1 month, Budget: 1.086 EUR
 - **iNavigate: Brain-inspired technologies for intelligent navigation and mobility**, H2020-MSCA-RISE-2019, Project no. 873178/07.11.2019; European beneficiaries (26: academic, private and NGO enterprises) + USA Partners (5: academic). [Period: 2019-2025, Duration: 66 months, Budget: 1.932.000 EUR, Regional (UCv) responsible + Principal investigator; Lead of WP6 Communication & Dissemination; Lead of the Reintegration Committee]
 - **Doctoral research scholarship:** Dragoș CÎRCIUMARIU, University of Florida, Whitney Laboratory for Marine Bioscience, USA., 2024, Duration: 3 months, Budget: 8.300 EUR
 - **ECO-NET DIE: Dynamique-Interconnexions-Environnement**, no. 12645SD, Egide, France, [Period: 2006-2007, Duration: 24 months, Member]
- National research projects / grants (selection)**
- **Advanced informatics system based on neural networks for automatic diagnosis assistance in ophthalmology**, CNCSIS (National Council for Scientific Research in Higher Education) type A, CNCSIS no. 157, Coordinator: University of Craiova, Partners: IPA CIFATT Craiova, University of Medicine and Pharmacy Craiova, Diabetic Eye Department Craiova - Dolj County Clinical Hospital. [Period: 2006-2007, Duration: 24 months, Budget: approx. 42.570 EUR, Director + Principal investigator]

- **Distributed parameter systems: analysis, synthesis via control Lyapunov functionals, numerical approximation and neurocomputing type implementation**, University of Craiova 10C/27.01.2014, Period: 2014-2015, Duration: 15 months, Budget: approx. 5.335 EUR, Director + Principal investigator]
- **Stability and oscillations in the dynamics of man-machine systems**, PNCDI II, IDEAS, ID 95/01.10.2007, PN-II-ID-PCE-2007-1. [National project, Coordinator: University of Craiova, Period: 2007 –2010, Member]
- **Robust nonlinear tuning of cryogenic ¹³C isotope separation columns**, PNCDI II, Partnerships in priority areas, ID 71023/18.09.2007, [National project, Coordinator: Technical University of Cluj-Napoca, Partner: University of Craiova, ID UCV 783/18.09.2007, Period: 2007-2010, Member]
- **Study and implementation of a technological solution to increase energy efficiency, safety and security in urban electric transport**, PNCDI II, Partnerships in priority areas, ID 71-145/14.09.2007, 09.2007 – 09.2010, [National project, Coordinator: University of Craiova, Period: 2007 –2010, Member]
- **Mini renewable energy production plant – application for micro-units and residential complexes**, PNCDI II, Partnerships in priority areas, ID 21-035/14.09.2007 [National project, Coordinator: University of Craiova, Period: 2007 – 2010, Member]
- **PARSIR: Promoting research in automation and robotics for the purpose of integration into European and international research networks**, Romanian Research Excellence Program CEEEX, ID 14/2006. [National project, Coordinator: University of Craiova, Period: 2006 – 2007, Member]
- **Dissipative systems. Analysis and synthesis**, CNCSIS A, ID 279, Contracts: 33062/24.06.2004, 34677/2005 [National project, Coordinator: University of Craiova, Period: 2004 – 2006, Member]
- **Advanced methods of nonlinear control of biotechnological processes for environmental depollution**, CNCSIS, ID 317, Contracts: 33062/24.06.2004, 34677/2005 [National project, Coordinator: University of Craiova, Period: 2004 – 2005, Member]
- **Non-standard dynamics in delayed systems – studies and simulated experiments**, CNCSIS, ID 318, Contracts: 33062/24.06.2004, /34677/2005 [National project, Coordinator: University of Craiova, Period: 2004 – 2005, Member].
- **Dynamics and control of systems with delay and propagation**, CNCSIS A, ID 146, Contract: 35254/2001, [National project, Coordinator: University of Craiova, Period: 2001 – 2003, Member]
- **Postgraduate studies in automation and signal processing**, CNCSIS D, ID 58, Contract 54D/2000, Financed by World Bank [National project, Coordinator: University of Craiova, Period: 2000 – 2002, Member]

Additional information

Research fields of interest

Nonlinear Dynamical Systems
Artificial Neural Networks
Distributed Parameter Systems
Signal Processing

Publications

Monographs, textbooks and book chapters: over 15
Papers in ISI indexed journals and ISI conference proceedings: over 45 of which over 5 in ISI WoS Q1 / Q2 quartiles; Cumulative impact factor: over 20
Papers in IDB indexed journals and IDB conference proceedings: over 40
Citations: over 350
Hirsch index: 6 / 9 / 10 (ISI / Scopus / Google Scholar)

Honors and awards

- **IEEE Region 8 „Clementina Saduwa” award 2017** for „outstanding personal and career achievements and noteworthy support and inspiration to women in the profession”, Stockholm, Sweden, 2017
 - IEEE Region 8 Clementina Saduwa Award Recipients <https://ieeer8.org/category/member-activities/women-in-engineering/awards-women-in-engineering/recipients/clementina-saduwa-award-recipients/>
 - Daniela Danciu earns Saduwa distinction, *IEEE Region 8 News*, Vol. 20, No. 1, September 2017, pp. 4. Available online: http://ieeer8.org/wp-content/uploads/2017/10/r8news_2017_09.pdf
- **IEEE Senior member** (since 2013)

	<ul style="list-style-type: none"> ▪ Honorary diploma of the University of Craiova for outstanding results in research activity during the year 2015 ▪ CNCS / UEFISCDI awards for research results - articles in ISI WoS journals (2013, 2019, 2020).
Memberships	<ul style="list-style-type: none"> ▪ IEEE Senior Member since 2013 (Institute of Electrical and Electronics Engineers: CIS – Computational Intelligence Society, CSS – Control Systems Society), member since 2006 ▪ SIAM (<i>Society for Industry and Applied Mathematics</i>, Activity Groups on: Dynamical Systems; Control & Systems Theory), member since 2008 ▪ SRAIT (<i>Romanian Society of Automation and Technical Informatics</i>, NMO at IFAC), member since 2000, Chair of the SRAIT Craiova Branch since 2012 ▪ SRR (<i>Romanian Robotics Society</i>), member since 2000 ▪ AGIR (<i>General Association of Romanian Engineers</i>), member 2014-2021 ▪ ANSI (Research Laboratory Nonlinear Automation and Intelligent Systems), founding member ▪ ANSO (Research Center Nonlinear Automation, Stability and Oscillations, 2001-2020) founding member
Editorial activity	<p>Member in Editorial Boards</p> <ul style="list-style-type: none"> ▪ <i>Annals of the University of Craiova, Series: Electrical Engineering</i>, ISSN: 1842-4805, since 2016 [IndexCopernicus, CNCSIS B+] <p>Program editor</p> <ul style="list-style-type: none"> ▪ <i>7th IFAC Symposium on System Structure and Control SSSC</i>, Sept. 2019 ▪ <i>15th IFAC Workshop on Time Delay Systems TDS</i>, Sept. 2019 <p>Associate / Invited Editor for ISI indexed journals</p> <ul style="list-style-type: none"> ▪ Special issue "New Trends in Numerics and Dynamics of Artificial Neural Networks: Theory and Applications", <i>Mathematics</i>, section "Applied Mathematics", 2023, ISSN 2227-7390 [ISI Q1, IF_2022: 2.4], Miguel ATENCIA, Daniela DANCIU https://www.mdpi.com/journal/mathematics/special_issues/Numerical_Analysis_Artificial_Neural_Networks ▪ Special issue "7th IFAC Symposium on System Structure and Control SSSC 2019", <i>IFAC-PapersOnline</i>, vol. 52, issue 17, (122 pages), ISSN 2405-8963, ELSEVIER, 2019, [ISI], Daniela DANCIU https://www.sciencedirect.com/journal/ifac-papersonline/vol/52/issue/17 ▪ Special issue "15th IFAC Workshop on Time Delay Systems TDS 2019", <i>IFAC-PapersOnline</i>, vol. 52, issue 18, (178 pages), ISSN 2405-8963, ELSEVIER, 2019, [ISI], Daniela DANCIU https://www.sciencedirect.com/journal/ifac-papersonline/vol/52/issue/18
IPC Conference Member	<ul style="list-style-type: none"> ▪ <i>IFAC TDS Workshop on Time Delay Systems</i>, (Italy 2024, France 2025) ▪ <i>IFAC COSY Workshop on Control of Complex Systems</i>, (Italy 2022, France 2025) ▪ <i>IFAC SSSC Symposium on Systems Structure and Control</i> (Canada 2022) ▪ <i>IWANN International Work-Conference on Artificial Neural Networks</i> (Spain 2015, 2017, 2019, 2021, 2023, 2025), ▪ <i>IEEE ICATE International Conference on Applied and Theoretical Electricity</i> (Romania 2014, 2016, 2018, 2021) ▪ <i>IEEE EHB E-Health and Bioengineering</i> (Romania 2013, 2015, 2019, 2020, 2023, 2024, 2025) ▪ <i>IEEE ICSTCC International Conference on System Theory, Control and Computing Joint Conference</i> (Romania 2013, 2016, 2020, 2021) ▪ <i>IDC International Symposium on Intelligent Distributed Computing</i> (France 2016) ▪ <i>IEEE SACI International Symposium on Applied Computational Intelligence and Informatics</i> (Romania 2009, 2010, 2011, 2013, 2014, 2015, 2016, 2018, 2019, 2020, 2021) ▪ <i>INISTA International Symposium on INnovations in Intelligent SysTems and Applications</i>, 2016 ▪ <i>CSCS International Conference on Control Systems and Computer Science</i> (Romania 2019, 2021, 2023, 2024, 2025) ▪ <i>IEEE CoDIT International Conference on Control, Decision and Information Technologies</i> (France 2019, Czech Republic 2020, Turkey 2022, Italy 2023, Croatia 2025) ▪ <i>IEEE ICCS International Carpathian Control Conference</i> (2019, 2020, 2021, 2022, 2023)

<p>Tutoring students</p>	<ul style="list-style-type: none"> ▪ <i>IEEE IFAC ICCAD International Conference on Control, Automation and Diagnosis</i> (Italy 2023, France 2024, Spain 2025) ▪ Coordination of over 130 undergraduate and graduate students ▪ Coordination of the team of students in competition: iTEC - IT Engineering contest, Web Development section, 2014, 6th edition, organizer: "Student League from the Faculty of Automation and Computers Timisoara" and "Faculty of Automation and Computers," Politehnica "University Timișoara ", award for UTILITY
<p>International collaborations (research and educational projects, papers, conferences)</p>	<p>International teaching activities</p> <ul style="list-style-type: none"> ▪ Université de Technologie de Compiègne, France, SOCRATES Agreement & CNCSIS Research grant (member), 2 seminars for PhD students, June 2005: <ul style="list-style-type: none"> – „Nonlinear phenomena and their applications in Artificial Intelligence – emergent computation and neural networks” – „Stability of neural networks with time-delays – new results” ▪ Instituto Politécnico do Cávado e do Ave, Portugal, course and laboratory for undergraduate students "Neural networks", ERASMUS Agreement, Lifelong Learning Programme, February 2013 ▪ Universidad de Málaga, Departamento de Matemática Aplicada, Spain, course and laboratory for graduate students "Neural networks – A dynamical systems point of view", ERASMUS+ Agreement, November 2014 <p>International research cooperation</p> <ul style="list-style-type: none"> ▪ Laboratoire des Signaux et Systèmes – Unité mixte de recherche, Centrale-Supélec, CNRS et Université Paris-Sud, Paris, France, June 2017, Research grant ProCO, 78 BM/2017, UEFISCDI, Director: Daniela Danciu ▪ Laboratoire des Signaux et Systèmes – Unité mixte de recherche, Centrale-Supélec, CNRS et Université Paris-Sud, Paris, France, November 2018, Research grant ProCO, 78 BM/2017, UEFISCDI, Director: Daniela Danciu ▪ Rhine-Waal University of Applied Sciences, Kleve, Germany, May 2016, Research grant Germany; ▪ CITEC-Bielefeld University, Bielefeld, Germany, June 2016, Research group "<i>Cognitronics & Sensor Systems</i>" ▪ University of Málaga, Polytechnic School, Department of Applied Mathematics, Spain, November 2014, Research grant 10C/2014, University of Craiova, Director: Daniela Danciu <p>International collaborations</p> <p>Prof. Silviu-Iulian NICULESCU, Research Director CNRS, Laboratory of Signals and Systems, CentraleSupélec, Paris-Saclay University, France</p> <p>Prof. Sorin OLARU, CNRS Laboratory of Signals and Systems, CentraleSupélec, Paris-Saclay University, France</p> <p>Prof. Miguel ATENCIA, University of Malaga, Department of Applied Mathematics, Spain</p> <p>Prof. Ulrich RÜCKERT, University of Bielefeld, Cluster of Excellence, Cognitive Interaction Technology CITEC, Research group Cognitronics & Sensor Systems, Germany</p> <p>Prof. Islam BOUSSAADA, IPSA, associate researcher at the Laboratory of Signals and Systems (L2S) – Université Paris-Saclay, CNRS, CentraleSupélec, France</p> <p>Prof. Gonzalo JOYA, University of Malaga, Department of Electronic Technology, Spain</p> <p>Prof. Ivan VOLOSAYAK, Rhine-Waal University of Applied Sciences, Kleve, Germany</p> <p>Prof. William MEGIL, Rhine-Waal University of Applied Sciences, Kleve, Germany</p> <p>Prof. Tony Prescott, University of Sheffield, United Kingdom</p>

Craiova, 20.12.2025

Prof. habil. dr. eng. Daniela DANCIU