



Curriculum vitae Europass



Personal information

Name	Bădică, Costin
Address	University of Craiova, Faculty of Automation, Computers and Electronics, Department of Computers and Information Technology, Bvd. Decebal 107, 200440, Craiova, Romania
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E-mail(s)	costin.badica@edu.ucv.ro
Web page(s)	DBLP: https://dblp.org/pid/54/2323.html Google Scholar: http://scholar.google.ro/citations?user=b4W8SzgAAAAJ ResearchGate: https://www.researchgate.net/profile/Costin_Badica Web of Science ResearcherID: https://publons.com/researcher/B-8006-2012/ ORCID: https://orcid.org/0000-0001-8480-9867 Brainmap: https://www.brainmap.ro/costin-badica
Research interests	Artificial Intelligence, Multi-agent Systems, Distributed Systems, Software Engineering, Formal Representations
Nationality	Romanian
Date of birth	19.02.1966
Civil status	Married, 1 child
Sex	Male

Work experience

Period	2020-present
Position	CNATDCU National Committee Member, Committee 15, Computer and Information Technology & System Engineering
Activities and responsibilities	Evaluation and validation of national Ph.D. and habilitation theses
Place, institution	Unitatea Executivă pentru Finanțarea Învățământului Superior, a Cercetării, Dezvoltării și Inovării, București, Romania
Period	2006-present
Position	Professor, Ph.D. Supervisor
Activities and responsibilities	Lectures in: Artificial Intelligence, Distributed Network Application Development, Electronic Commerce, Programming Techniques, Semantic Systems, Multi-Agent Systems
Place, institution	University of Craiova, Faculty of Automation, Computers and Electronics, Department of Software Engineering / Department of Computers and Information Technology, Bvd. Decebal 107, 200440, Craiova, Romania
Period	2012-present

Position	<i>Director of Doctoral School „Constantin Belea” of the Faculty of Automation, Computers and Electronics, University of Craiova, Romania</i>
Activities and responsibilities	Management of Doctoral Activity of the Faculty of Automation, Computers and Electronics, University of Craiova, Romania
Place, institution	University of Craiova, Faculty of Automation, Computers and Electronics, Department of Software Engineering / Department of Computers and Information Technology, Bvd. Decebal 107, 200440, Craiova, Romania
Period	2007-2011
Position	<i>Scientific Officer</i> of the Faculty of Automation, Computers and Electronics, University of Craiova, Romania
Activities and responsibilities	Management of scientific and research activities at the Faculty of Automation, Computers and Electronics, University of Craiova, Romania
Place, institution	University of Craiova, Faculty of Automation, Computers and Electronics, Department of Software Engineering / Department of Computers and Information Technology, Bvd. Decebal 107, 200440, Craiova, Romania
Period	2002-2006
Position	Associate professor
Activities and responsibilities	Lectures in: Artificial Intelligence, Network Application Development, Electronic Commerce, Programming Techniques, Web Application Development
Place, institution	University of Craiova, Faculty of Automation, Computers and Electronics, Department of Software Engineering, Bvd. Decebal 107, 200440, Craiova, Romania
Period	2001-2002
Position	Postdoctoral Research Associate
Activities and responsibilities	Scientific research in Computer Science, Researcher in EU-FP5-IST-10387-1999, INSPIRE research project
Place, institution	King's College London, Department of Computer Science, The Strand, London WC2R 2LS, England, United Kingdom
Period	1996-2001
Position	Lecturer
Activities and responsibilities	Lectures in: Artificial Intelligence, Programming Techniques, Assembly Language Programming, Methods for Software Development
Place, institution	University of Craiova, Faculty of Automation, Computers and Electronics, Computer Department, Bvd. Decebal 107, 200440, Craiova, Romania
Period	1994-1996
Position	Teaching assistant
Activities and responsibilities	Laboratories in: Artificial Intelligence, Computer Programming, Programming Techniques, Assembly Language Programming, Data Structures and Algorithms
Place, institution	University of Craiova, Faculty of Automation, Computers and Electronics, Computer Department, Bvd. Decebal 107, 200440, Craiova, Romania
Period	1990-1994
Position	Instructor
Activities and responsibilities	Laboratories in: Computer Programming, Programming Techniques, Assembly Language Programming, Data Structures and Algorithms
Place, institution	University of Craiova, Faculty of Automation, Computers and Electronics, Computer Department, Bvd. Decebal 107, 200440, Craiova, Romania

Supervised Ph.D. theses

Period	2008-2011
Student	Mihnea Scafeș, https://dblp.org/pers/hd/s/Scafes:Mihnea
Thesis Title	Contributions to multi-issue negotiation mechanisms between software agents
Period	2009-2012
Student	Sorin Ilie, https://dblp.org/pers/hd/i/Ilie:Sorin
Thesis Title	Distributed Architecture for Swarm Intelligence
Period	2010-2013
Student	Alex Muscar, http://dblp.org/pers/hd/m/Muscar:Alex
Thesis Title	Exploring the Design Space of Agent-Oriented Programming Languages
Period	2014-2019
Student	Alex Becheru, https://dblp.org/pers/hd/b/Becheru:Alex
Thesis Title	Complex Networks Analysis
Period	2018-2024
Student	Ionut Dorinel Murarețu, https://dblp.org/pid/243/9950.html
Thesis Title	Agent-based Declarative Modeling for Enhanced Planning and Scheduling in Complex Systems
Period	2021-2024
Student	Andras Levente Ferenczi, https://dblp.org/pid/322/9302.html
Thesis Title	Model Training using Federated Learning on a Distributed Ledger

Other theses supervision and review activities

Number of MSc theses supervised	I supervised many MSc students during the period 2012-2024. Notable students: Alexandra Sendre, 2013-2014: https://dblp.org/pid/152/3913.html Florin Buse, 2014-2015: https://dblp.org/pid/166/7610.html Georgian Vladutu, 2018-2019: https://dblp.org/pid/244/0147.html Stefan-Cristian Mladin, 2019-2020: https://dblp.org/pid/279/8253.html Elena Ruxandra Lutan, 2021-2022, https://dblp.org/pid/357/1192.html Daniel Costel Bouleanu, 2022-2023, https://dblp.org/pid/373/0478.html Ionut Dragos Neremzoiu, 2023-2024, https://dblp.org/pid/386/5964.html
Number of PhD / Habilitation theses reviewed	More than 50. I have also been member of examination boards for international Ph.D. theses in Spain, The Netherlands, France, Serbia, and South Africa.

Education and training

Period	1993-1999
Qualification/diploma obtained	Diploma Doctor Engineer (Ph.D.) in Control Systems, thesis title: " Dynamic systems diagnosis using expert systems", scientific advisor: Prof. Vladimir Răsvan, PhD
Place, institution	University of Craiova, Faculty of Automation, Computers and Electronics, Computer Department, Bvd. Decebal 107, 200440, Craiova, Romania
Period	1985-1990
Qualification/diploma obtained	Diploma Engineer, Electric Profile, Automation and Computers Speciality
Place, institution	University of Craiova, Faculty of Automation, Computers and Electronics, Computer Department, Bvd. Decebal 107, 200440, Craiova, Romania
Period	February 1994 – June 1994

Qualification/diploma obtained Tempus research stage, TEMPUS JEP - 2751 - 1991 -1994 "Dezvoltarea învățământului superior la Facultatea de Automatica - Universitatea din Craiova în domeniul automatizării și informaticii industriale"

Place, institution University of Padova, Italy (Prof. Sergio Congiu)

Period May 1996 – June 1996

Qualification/diploma obtained Tempus research stage, TEMPUS DISCO S_JEP 07101-94 1994-1996 „Dezvoltarea în România a învățământului de scurtă durată centrat pe calcul distribuit și aplicațiile sale”

Place, institution University of Paris Sud, Orsay, France (Prof. Michel de Rougemont)

Period April 27 – May 2 , 2014

Qualification/diploma obtained Multi-agent systems and their role in future energy grids, Dagstuhl Seminar 14181

Place, institution Dagstuhl, Germany (Prof. Rainer Unland)

Specializations and qualifications

Period June 2000

Qualification/diploma obtained ROMSYS Certificate Jbuilder 3.0 (Java programming language)

Place, institution Bucharest, Romania, ROMSYS SA

Language skills

Mother language Romanian

Foreign languages

Self-evaluation

English

French

Italian

<i>Understanding</i>	<i>Speaking</i>	<i>Writing</i>
Proficient user (C2)	Proficient user (C2)	Proficient user (C2)
Independent user (B1)	Independent user (B1)	Independent user (B1)
Basic user (A2)	Basic user (A2)	Basic user (A2)

Invited / keynote lectures / Mobilities

Period 2002

Topic Introduction to XML

Place, institute Brunel University, London, UK (Prof. Mark Hartman)

Period 2006

Topic Information extraction using XML and logic programming

Place, institute Université de Technologie de Compiègne, France (Prof. Philippe Trigano)

Period October 2008

Topic FSP and FLTL Framework for Specification and Verification of Middle-Agents

Place, institute AGH University, Krakow, Poland (Prof. Antoni Ligeza, Prof. Grzegorz J. Nalepa)

Period June 19-21, 2010

Topic Using Logic Programming and XML Technologies for Data Extraction from Web Pages

Place, institute Koreu-EU Forum 2010, Gyeongju, Korea (Prof. Jason J. Jung)

Period September 13-23, 2010

Topic Agent Technology for Disaster Management, *Invited lecture*

Place, institute	NATO Advanced Study Institute, Software Agents, Agent Systems and Their Applications, Tangiers, Morocco (Prof. Mohammad Essaaidi)
Period	May 4-7, 2011
Topic	Dynamic Negotiations in Multi-Agent Systems for Disaster Management, <i>Invited lecture</i> http://ceur-ws.org/Vol-716/ICTERI-2011-CEUR-WS-Preface-p-2-3.pdf http://ceur-ws.org/Vol-716/ICTERI-2011-CEUR-WS-Invited-1-p-8-22.pdf
Place, institute	International Conference on Information and Communication Technologies (ICT) in Education, Research, and Industrial Applications: Integration, Harmonization, and Knowledge Transfer (ICTERI 2011), Kherson, Ukraine (Prof. Vadim Ermolayev)
Period	27-30 September 2012
Topic	Negotiations in Multi-Agent Systems, <i>Invited tutorial</i>
Place, institute	8th IFIP International Conference on Artificial Intelligence Applications and Innovations (AIAI 2012) Greece (Prof. Lazaros Iliadis, Prof. Yannis Manolopoulos)
Period	April 2017
Topic	Erasmus Teaching Mobility, <i>Introduction to Multi-Agent Systems</i> (MSc. Course in Telecommunications Engineering),
Place, institute	Engineering Technical School (ETSE), University of Valencia, Spain (Prof. Jaume Segura Garcia)
Period	November 2017
Topic	Erasmus Training Mobility, Invited Research Talk: <i>Intelligent Agent Programming: from Theory to Practice</i> (Applied Intelligence & Data Analysis research group – AI+DA, http://aida.ii.uam.es/)
Place, institute	Escuela Politécnica Superior/Departamento de Ingeniería Informática, Universidad Autónoma de Madrid, Spain (Prof. David Camacho Fernández)
Period	June 19, 2018
Topic	Invited lecture: „Agent Programming” (Multi-Agent Systems and Learning Agents Summer School LeMAS-2018, AI-MAS research group, http://aimas.cs.pub.ro/lemas-2018/presentations)
Place, Institute	„Politehnica” University of Bucharest, Romania (Prof. Adina-Magda Florea, Prof. Andrei Olaru)
Period	August 1, 2018
Topic	Invited lecture „Constraint Logic Programming: from Declarative Modeling to Problem Solving”, Workgroup for Soft Computing, Programming and Algorithms, https://www.informatik.fb2.frankfurt-university.de/~logofatu/2nd%20Research%20Session.pdf
Place, Institute	Frankfurt University of Applied Sciences, Department of Computer Science and Engineering, Frankfurt am Main, Germany (Prof. Dr. Doina Logofătu)
Period	December 2-9, 2018
Topic	Invited lecture „Agent-Oriented Programming. From Theory to Practice” in Seminar at Systems Research Institute. Polish Academy of Sciences IBS-PAN, Warsaw, Poland http://www.ibspan.waw.pl/aktualnosci/aktualnosci1/seminar_with_the_presentations_of_our_partners_from_romania_university_of_craiova-12
	Systems Research Institute. Polish Academy of Sciences IBS-PAN, Warsaw, Poland (Prof. Marcin Paprzycki, Prof. Maria Ganzha)
Period	September 4, 2019

Topic	Keynote talk: „Agents and optimization for collective profitability, freight transportation brokering and structured project scheduling” at 11th International Conference on Computational collective Intelligence, Hendaye – France http://iccci.sigappfr.org/keynote-speakers/
Place, Institute	Auditorium Antoine d'Abbadie, Hendaye – France (Prof. Ngoc Thanh Nguyen, Prof. Richard Chbeir)
Period	May 9, 2020
Topic	Keynote talk: „Intelligent Distributed Systems Interplay of: AI, MAS & Soft.Eng.” at 5th International Conference on Information, Communication & Computing Technology, New Delhi, India http://www.jimsindia.org/icicct2020
Place, Institute	5th ICICCT 2020, Jagan Institute of Management Studies (JIMS), New Delhi, India (Dr. Praveen Arora, Dr. Deepak Chathal)
Period	December 3, 2020
Topic	Keynote talk: „Synergies of Artificial Intelligence, Multi-Agent Systems & Software Engineering Research” at 5th IEEE International Conference on Recent Advances and Innovations in Engineering – ICRAIE 2020, Jaipur, India. IEEE Conference Record #50510 https://conferences.ieee.org/conferences_events/conferences/conferencedetails/51050
Place, Institute	5th ICRAIE 2020, Poornima College of Engineering, Jaipur, Rajasthan, India (Prof. Mahesh Bundeale)
Period	March 10, 2021
Topic	Keynote talk: „Applications of the Multi-Agent Paradigm” at 5th IEEE Information Communication Technology and Society – ICTAS 2021, Durban, South Africa. IEEE Conference Record #50510 https://ieeexplore.ieee.org/xpl/conhome/9394949/proceeding
Place, Institute	5th ICTAS 2021, Durban University of Technology, Durban, South Africa (Prof. Richard C. Millham) https://www.dut.ac.za/the-2021-ictas-ieee-online-conference-was-a-great-success/
Period	April 26, 2021
Topic	Invited Talk: „Applications of Artificial Intelligence for Automotive Engineering” at Erasmus+ Automotive Academy, Kazimierz Pulaski University of Technology and Humanities in Radom, Poland https://eaa.uniwersytetradom.pl/
Place, Institute	Kazimierz Pulaski University of Technology and Humanities in Radom, Radom, Poland (Prof. Krzysztof Górski)
Period	September 16, 2021
Topic	Invited Talk: „Intelligent Distributed Systems Synergies of Artificial Intelligence, Multi-Agent Systems, Distributed Systems & Software Engineering” at 14th Intelligent Distributed Computing Conference – IDC'2021, Reggio Calabria, Italy, http://idc2021.unirc.it/program.html
Place, Institute	University Mediterranea of Reggio Calabria, Reggio Calabria, Italy (Prof. Giuseppe M.L. Sarnè)
Period	July 23, 2025
Topic	Invited Talk: „Generalized Similarity Measures for Boolean Models” at 1st International Conference on Computational Intelligence in Engineering Science – ICCIES'2025, Ho Chi Minh City, Vietnam, https://iccies.tdtu.edu.vn/2025/keynotes/
Place, Institute	Ton Duc Thang University, Ho Chi Minh City, Vietnam (Prof. Trong Dao Tran)
Period	November 5, 2025

Topic	Invited Talk: „Contemporary Agent Technology: LLM-Driven Advancements vs. Classic Multi-Agent Systems” at Smart Diaspora 2025. Frontiere în Inteligența Artificială: Provocări și Perspective, Cluj-Napoca, Romania, https://diaspora-stiintifica.ro/documents/Wks2025/Program_wk_16_v2.pdf
Place, Institute	Universitatea Tehnica din Cluj-Napoca, Romania (Prof. Ionuț Anghel, Prof. Tudor Cioară)
Awards and Distinctions	
Period	25-29 June 2006
Outcome	<u>Best Presentation Award</u> for the paper „Rule-Based Automated Price Negotiation: Overview and Experiment”
Place	8th Int. Conf. on Artificial Intelligence and Soft Computing, ICAISC'2006, Zakopane, Poland
Period	18.03.2011
Outcome	<u>Certificate of Achievement 1991 – 2011</u>
Place, institution	Bucharest, IEEE Romania Section
Period	28-30 September 2016
Outcome	<u>Best Paper Award</u> for the paper „Collective Profitability and Welfare in Selling-Buying Intermediation Processes”
Place	8th International Conference on Computational Collective Intelligence, ICCCI 2016, Halkidiki, Greece
Period	7-9 October 2015
Outcome	<u>Honorable Mention</u> for the paper „FSP Modeling of a Generic Distributed Swarm Computing Framework”
Place	9th International Symposium on Intelligent Distributed Computing - IDC'2015, Guimarães, Portugal
Period	2021
Outcome	<u>Most Active SMC Technical Committee Award</u> in Cybernetics for TC on „Computational Collective Intelligence”
Place	IEEE SMC Society
Period	2024
Outcome	<u>Most Active SMC Technical Committee Award</u> in Cybernetics for TC on „Computational Collective Intelligence”
Place	IEEE SMC Society
Additional Information	
Research fields of interest	Artificial Intelligence Multi-Agent Systems Software Engineering Distributed Systems
Research group	Founder and Head of „Intelligent Distributed Systems” Research Group & Lab http://ids.software.ucv.ro/
Educational activities	BIP Erasmus project, Internet of Things Applications in Underwater Survey, project number 2021-1-EL01-KA131-HED-000005065-1, 25.09 – 7.10.2023. Collaboration with International Hellenic University, Greece. Prof. Theodoros Kosmanis, Prof. Dimitrios Tziourtzioumis

BIP Erasmus project, Artificial Intelligence application for underwater object recognition, număr 2022-1-EL01-KA131-HED-000054934, 1.07 – 13.07.2024. Colaborare cu International Hellenic University, Greece. Prof. Theodoros Kosmanis, Prof. Dimitrios Tziourtzioumis

BIP Erasmus project, Remotely Operated Underwater Vehicles and Artificial Intelligence for Environmental Measurements, număr 2024-1-EL01-KA131-HED-000210482, 05.05 – 15.05.2025. Colaborare cu International Hellenic University, Greece. Prof. Theodoros Kosmanis, Prof. Dimitrios Tziourtzioumis

Editorial activity

1. Special Issue on Intelligent Systems Informatica (Slovenia), Volume 32, Issue 4, 340-396, 2008. URL: <http://www.informatica.si/vol32.htm#No4> Editorial URL: http://www.informatica.si/PDF/32-4/02_Introduction.pdf
2. Special Issue on Intelligent Distributed Information Systems, Information Sciences, Volume 180, Issue 10, 1779-1923, 2010 Editorial DOI: <http://dx.doi.org/10.1016/j.ins.2010.02.001>
3. Special Issue on Intelligent Agent-Based Cooperative Systems Computer Science and Information Systems, Volume 7, Issue 3, 551-677, 2010 URL: <http://www.comsis.org/archive.php?show=vol0703> Editorial URL: <http://www.comsis.org/archive.php?show=pag0703guest>
4. Special Issue on E-Service Intelligence Informatica (Slovenia), Volume 34, Issue 4, 407-490, 2010 URL: <http://www.informatica.si/vol34.htm#No4> Editorial URL: http://www.informatica.si/PDF/34-4/01_Badica-Editorial.pdf
5. Special Issue on Intelligent Agent-Based Cooperative Systems Computer Science and Information Systems, Volume 7, Issue 3, 551-677, 2010 URL: <http://www.comsis.org/archive.php?show=vol0703> Editorial URL: <http://www.comsis.org/archive.php?show=pag0703guest>
6. Special Issue on Agent and Multi-Agent Systems in E-Business International Journal of Intelligent Information and Database Systems, Vol. 3 No. 2, 2009 URL: <http://www.inderscience.com/info/inarticletoc.php?jcode=ijids&year=2009&vol=3&issue=2> Editorial URL: <http://www.inderscience.com/browse/getEditorial.php?articleID=1591>
7. Special Issue on Intelligent Distributed Computing, Concurrency and Computation: Practice and Experience, Volume 24, Issue 6, Pages 555–660, 2012 URL: <http://onlinelibrary.wiley.com/doi/10.1002/cpe.v24.6/issuetoc> Editorial DOI: <http://dx.doi.org/10.1002/cpe.1851>
8. Special Issue on Intelligent Distributed Computing, International Journal on Artificial Intelligence Tools, Volume 20, Issue 6, Pages 981–1180, 2011, URL: <http://www.worldscientific.com/toc/ijait/20/06> Editorial DOI: <http://dx.doi.org/10.1142/S0218213011000486>
9. Special Issue on Knowledge and Intelligence in Distributed Systems with International Journal of Bio-Inspired Computation, Volume 5, Issue 4, Pages 199–251, 2013, URL: <http://www.inderscience.com/info/inarticletoc.php?jcode=ijbic&year=2013&vol=5&issue=4> Editorial URL: <http://www.inderscience.com/editorials/f510113968174212.pdf>
10. Special issue on computational collective intelligence, Neurocomputing 146: 137–139 (2014), URL: <http://dx.doi.org/10.1016/j.neucom.2014.06.049>
11. Special Issue on Intelligent Distributed Processing Methods for Big Data, Journal of Universal Computer Science 21(6): 754-756 (2015), URL: http://www.jucs.org/jucs_21_6/intelligent_distributed_processing_methods
12. Special Issue on Intelligent Distributed Computing, Computing and Informatics 34(1): 1-3 (2015) URL: <http://www.cai.sk/ojs/index.php/cai/article/view/3032>
13. Costin Badica, Mirjana Ivanovic, Yannis Manolopoulos, Riccardo Rosati, Paolo Torroni, Special Issue on Web Intelligence, Mining and Semantics. Fundam. Informaticae 172(3) (2020) DOI: <https://doi.org/10.3233/FI-2020-1903>
14. Lazaros Iliadis, Costin Badica, Evolving and intelligent systems applications special issue. Evol. Syst. 11(2): 199-200 (2020) DOI: <https://doi.org/10.1007/s12530-019-09323-3>

Editorial Board Membership

Member in the editorial board of the following international journals:

1. Computer Science and Information Systems. ComSIS. ISSN 1820-0214 (WoS)
2. System Theory, Control and Computing Journal. ISSN: 2810-4099
3. Cybernetics and Information Technologies (CIT). The Journal of Institute of Information and Communication Technologies of Bulgarian Academy of Sciences. eISSN1314-4081 (WoS)
4. Simulation Modelling Practice and Theory, ISSN 1569-190X (WoS)
5. Vietnam Journal of Computer Science, ISSN (print): 2196-8888 | ISSN (online): 2196-8896 (WoS)

Research projects

1. INSPIRE: Intelligent Support for People Oriented Process Re-Engineering and Change Management, EU-FP5-IST-10387-1999, 1.03.2000 – 31.08.2002 (team member, postdoctoral researcher, DCS-KCL, London, UK)
2. SUM: E-Commerce Supermarket System, E! 2754 (Eureka, 2003-2005, buget: 99167 LEI, director)
3. HIPERPROC: Hypermedia Techniques for Knowledge-Based Representation of Business Processes, Grant 94/2005 (2005-2007, buget: 64000 LEI, director),
4. Technologies and Intelligent Software Tools for Automated Construction of E-catalogues of Products Using Knowledge Acquisition from the Web, Grant 185/2006 (2005-2007, buget: 54515 LEI, membru)
5. eDalgo: eDidactique de l'Algorithmique. Support interactif de cours pour l'apprentissage autonome de l'algorithmique et de la programmation (AUF 6316PS635, 2006-2007, budget: 20000 EUR, director)
6. UNIT 2008-1 C_Facile and UNIT 2008-2 AlgoBank. Two small projects funded by UNIT - Université Numérique Ingénierie et Technologie, France. (2007-2008, Budget: 2000 EUR, membru si director)
7. SCIPA: Servicii software semantice de Colaborare si Interoperabilitate pentru realizarea Proceselor Adaptive de business. (ANCS, 2008-2011, buget: 145300 LEI, director)
8. DIADEM: Distributed information acquisition and decision-making for environmental management, (FP7-ICT 224318. 2008-2011, Buget: 220200 EUR, director)
9. K-SWAN: An Interoperable Knowledge-based Framework for Negotiating Semantic Web Agents (Proiect bilateral Grecia-Romania, 2012-2013, buget: 18480 LEI, director)
10. "Software Engineering: Computer Science Education and Research Cooperation", DAAD Project in „Stability Pact Sponsored by Germany” (partner director 2012-2016, Budget: ~6000 EUR)
11. Semantic Foundations of the Internet of Things, Bilateral project with Systems Research Institute, Polish Academy of Sciences, 2016-2018
12. „Novel Methods for the Development of Distributed Systems” Bilateral project with Systems Research Institute, Polish Academy of Sciences, 2019-2020 (travel budget for exchange visits, team member)
13. E-DRIVE-TOUR: bEyonD the boRder of electrIc VEhicles: an advanced inTeractive cOURse, Erasmus+ Programme, Knowledge Alliances, PROJECT NUMBER: 612522-EPP-1-2019-1-EL-EPPKA2-KA (partner director 2020-2022 (Total grant: 724.583 EUR, UCV Budget: 73.612 EUR)
14. SMARTSEA: Surveying & MARiTime internet of thingS EducAtion, Erasmus+ Programme, Knowledge Alliances, PROJECT NUMBER: 612198-EPP-1-2019-1-ES-EPPKA2-KA (Member of Advisory Board)
15. Bridging the Gap. An AI-enabled versatile skill matching tool to assist the less privileged. (Erasmus+ KA220-YOU-000028780) (partner director 2022-2023 (Total grant: 249.796 EUR, UCV Budget: 54.974 EUR)
16. Intelligent Distributed Systems and Applications, Bilateral project with Systems Research Institute, Polish Academy of Sciences, 2023-2025

Conference organizer	<ol style="list-style-type: none"> 1. Co-initiated the "Intelligent Distributed Computing – IDC" series of international conferences, now at the 15th edition 2. Co-organized as "conference chair": <ul style="list-style-type: none"> - 18th International Conference on Innovations in Intelligent Systems and Applications, 4-6 septembrie 2024, Craiova, Romania, IEEE Conference Record Number 62901 - 10th Balkan Conference in Informatics, 4-6 septembrie 2024, Craiova, Romania - "5th International Conference on Computational Collective Intelligence Technologies and Applications – ICCCI'2013", 11-13 September 2013, Craiova, Romania - "7th Balkan Conference in Informatics, BCI'2015", 2-4 September 2015, Craiova, Romania - "2016 International Symposium on INnovations in Intelligent SysTems and Applications, INISTA'2016", 2-5 August 2016, Sinaia, Romania - „2014 Workshop on Software Engineering: Computer Science Education and Research Cooperation”, 25-29 August 2014, Sinaia, Romania 3. Co-organized as "program chair": <ul style="list-style-type: none"> - "1st International Symposium on Intelligent and Distributed Computing, IDC'2007", October 18-20, Craiova, Romania - "2nd International Conference on Web Intelligence, Mining and Semantics, WIMS'12", June 13-15, 2012, Craiova, Romania 4. PC member in more than 200 international conferences
Memberships	<ol style="list-style-type: none"> 1. Founding member of the Romanian Association of Artificial Intelligence (ARIA) 2. TC Co-Chair of Technical Committee on Computational Collective Intelligence, IEEE SMC Society (https://www.ieeesmc.org/technical-activities/cybernetics/computational-collective-intelligence) 3. Associated Member of the Romanian Academy of Technical Sciences since 2024, Section "Information and Communication Technology – Computers and Telecommunications" 4. Member, IEEE, Member number: 90451842, IEEE Computational Intelligence Society, IEEE Computer Society, IEEE Systems, Man, and Cybernetics Society
Expert reviewer	<ol style="list-style-type: none"> 1. CHIST-ERA Call 2011: The 2nd international call for research projects within the ERA-Net CHIST-ERA, (European Coordinated Research on Long-term Challenges in Information and Communication Sciences and Technologies) on "From Data to New Knowledge". 2. PN-II-RU-TE-2014-4: Tinere Echipa 2014 3. Expert in project „Elaborarea Strategiei Nationale in domeniul Cercetarii, Dezvoltarii tehnologice si Inovarii pentru perioada 2014-2020", ICT field 4. Expert reviewer. CHIST-ERA "Projects Seminar 2016" 5. Expert reviewer: FONDECYT Regular 2016 grant competition, Chilean National Science and Technology Commission (CONICYT - Chile) 6. Scientific expert: L'Agence Nationale de la Recherche (ANR), Apel 2016, France 7. Expert reviewer in the Open Call of the H2020 „Interoperability of Heterogeneous IoT Platforms – INTER-IoT" H2020 research project 8. Reviewer, UPB - GEX 2017, Internal competition of University „Politehnica" Bucharest 9. Expert evaluator AUF in Comisia nationala de evaluare pentru bursele doctorale si postdoctorale "Eugen Ionescu", 2020, 2021 10. Peer Reviewer for the Irish Research Council, 2022
Publications and citations	<p>> 300 research papers in Google Scholar 221 papers in WoS 296 papers in Scopus Hirsch index = 27 (Google Scholar), 3435 citations Hirsch index = 16 (Scopus), 1219 citations without self-citations Hirsch index = 14 (WoS), 745 citations without self-citations</p>

