
CURRICULUM VITAE



Prof.dr.habil. Ioan Dzitac

Bachelor in Mathematics

PhD in Information Sciences

Habilitation in Economic Informatics

Actual Jobs of Prof.dr.habil. Ioan DZITAC

1. Professor at Agora University of Oradea [2017-present]
2. Professor at Aurel Vlaicu University of Arad [2009-present]
3. PhD Advisor at University of Craiova [2019: Economic Informatics]

Biosketch: **Ioan Dzitac** received his B.Sc.(eq.M.Sc.) in Mathematics (1977) and Ph.D. in Information Sciences (2002) from Babes-Bolyai University of Cluj - Napoca. In 2019 he has defended his Habilitation Thesis "Soft Computing for Decision Making" at Alexandru Ioan Cuza University of Iasi. He is a mathematics and information sciences professor at Agora University of Oradea (since 2017) and at Aurel Vlaicu University of Arad (since 2009). Also he is a PhD Advisor at University of Craiova. He was Rector of Agora University of Oradea in period 2012-2020. He was an Adjunct Professor at University of Chinese Academy of Sciences - Beijing, China (2013-2016) and since 2016 is an Advisory Board Member at Graduate School of Management of Technology, Hoseo University, South Korea. He was in managerial positions, such as: Director of Mathematics & Informatics Department (2004-2005), Head of IT Chair (2005-2008), Director of R&D Center(2009-2017), and Rector (2012-2020). His current research interests include different aspects of artificial intelligence, soft computing and applications of fuzzy logic in economy (decision making, quantitative management, qualitative management, e-learning platforms management etc.).

He is a co-founder and an Editor-in-Chief of an ISI SCI Expanded quoted journal (2006), International Journal of Computers Communications & Control (nominee by Elsevier for Journal Excellence Award - Scopus Awards Romania 2015) and member in Editorial Board of 11 scientific journals. Also he is co-founder and General Chair of International Conference on Computers Communications and Control and he was member of the Program Committee of more than 70 international conferences.

He is a Senior Member of IEEE (since 2011), Member in Publication Committee of International Academy of Information Technology and Quantitative Management (IAITQM, since 2014), and other professional organizations (ROMAI, SRAIT, SSMAR, RNG-ISCB etc.). He was an invited speaker and/or invited special sessions' organizer and chair in China (2013: Beijing, Suzhou and Chengdu, 2015: Dalian, 2016: Beijing), India (2014: Madurai, 2017: Delhi), Russia (2014: Moscow), Brazil (2015: Rio), Lithuania (2015: Druskininkai), South Korea(2016: Asan).

He has published 3 books, 12 courses and materials for students, 8 conference proceedings (IEEE, Springer) and more than 80 scientific papers in journals and conferences proceedings (over 45 in ISI Web of Science indexed journals with over 250 citations, h-index = 10). In Google Scholar he has over 650 citations, h-index = 13.

He was included among the 100 Romanian computer scientists from all over the past 100 years in the volume of "One Hundred Romanian Authors in Theoretical Computer Science", Romanian Academy Publishing House, 2018, as well as in the volume "Romanian Civilization - Information Science and Technology in Romania", which appeared with occasion of the 100th anniversary of the Great Union, also in the Academy Publishing House.

Education

1. School No.1, Repedea, Maramures County (MM), Romania (1960-1968).
2. High School Dragos Voda, Sighetu Marmatiei, MM County, Romania (1968-1972).
3. Babes-Bolyai University of Cluj - Napoca, (1972-1977), Diploma: B.Sc. in Mathematics (1977).
4. Babes-Bolyai University of Cluj - Napoca, Diploma: Ph.D. in Information Sciences (2002).
5. Alexandru Ioan Cuza University of Iasi, Certificate of Habilitation (2019).

Professional Experience

Teaching Experience

1. 1977-1991: Teacher of Mathematics in Elementary & High Schools in Oradea and Bihor County.
2. 1991-2003: Lecturer of Mathematics, University of Oradea.
3. 2003-2005: Associate Professor of Mathematics and Informatics, University of Oradea.
4. 2005-2009: Associate Professor of Mathematics and Informatics, Agora University of Oradea.
5. 2009-present: Professor of Information Sciences, Aurel Vlaicu University of Arad.
6. 2010-2011: Adjunct Professor of Informatics, University of Craiova.
7. 2013-2016: Adjunct Professor of the School of Management, University of Chinese Academy of Sciences, China.



Member of Professional Organizations

1. 2011-present: IEEE Senior Member.
3. 2011-present: IEEE Computational Intelligence Society Member/ Romania Section.
4. 2012-present: IAITQM- International Academy of Information Technology and Quantitative Management (member in Publication Committee).
5. 1995-present: ROMAI: Romanian Society of Applied and Industrial Mathematics (Vice - President: 1996-2011).

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6. 2011-2013: SRAIT-Romanian Society of Automation and Technical Informatics- Arad Branch (Secretary: 2010-2013).
 7. 2011-present: RNG-ISCB: Romanian National Group of International Society for Clinical Biostatistics.
 8. 2008-present: SSMA - Scientific Society of Management of Romania.

Member in Editorial Boards of Journals

1. International Journal of Computers Communications and Control (IJCCC), ISSN 1841-9836, Agora University of Oradea, Romania (Founder and Editor-in-Chief).
2. Broad Research in Artificial Intelligence and Neuroscience (BRAIN), ISSN 2067-3957, EduSoft Publishing (emerging in ISI Web of Science).
3. Mathematics, Informatics, Physics Series - Bulletin of PG University of Ploiesti (BMIF: Theory and Applications in Mathematics and Computer Science, ISSN 1224-4899).
4. Scientific and Technical Bulletin, Series: Electrotechnics, Electronics, Automatic Control and Computer Science, ISSN 1584 - 9198, Aurel Vlaicu University, Arad, Romania.
5. Journal of System and Management Sciences, ISSN:1816-6075, Beijing Jiaotong University, China.
6. Theory and Applications of Mathematics & Computer Science, ISSN 2067-2764, Aurel Vlaicu University, Arad, Romania (Associate Editor)
7. Business, Management and Education, ISSN 2029-7491, Vilnius Gediminas Technical University, Lithuania.
8. Journal of Systemics, Cybernetics and Informatics, The International Institute of Informatics and Systemics, US: JSCI, Member in EB
9. Financial Innovation (ISI), Springer: Member in EB
10. Technological and Economic Development of Economy(ISI Web of Science), Taylor & Francis: Member in EB
11. Baltic Journal of Modern Computing (ISI Web of Science): Member in EB.
12. International Journal of Information Technology & Decision Making, World Scientific, Singapore, Member in EB.

Managerial Experience

1. 2004-2005: Director of the Mathematics and Informatics Department, University of Oradea.
2. 2005-2007: Head of the of Economics Department, Agora University of Oradea.
3. 2009-present: Director of the "Mathematical Models & Information Systems" R&D Center , Aurel Vlaicu University of Arad.
4. 2009-present: Academic Director of the "Applied Informatics in Science, Technology and Economy" Master's Program, Aurel Vlaicu University of Arad.
5. 2011-01.10.2013: Director of the Communication and Transparency Department, Aurel Vlaicu University of Arad.
6. 2012-2020: Rector of the Agora University of Oradea.

Scientific Activity

Research Interest

1. Artificial Intelligence; 2. Applications of Fuzzy Logic; 3. Distributed Systems; 4. Information Systems Management (ERP Systems); 5. Soft computing in Decision Making.

Invited Lectures and Conference Sessions

Prof. Ioan Dzitac was an invited speaker and/or invited special sessions' organizer and chair in China (2013: Beijing, Suzhou and Chengdu, 2015: Dalian, 2016: Beijing), India (2014: Madurai, 2017: Delhi), Russia (2014: Moscow), Brazil (2015: Rio), Lithuania (2015: Druskininkai), South Korea (2016: Asan).

Organizer of Conferences and Special Sessions

1. Co-Founder and General Chair of the International Conference on Computers Communications and Control, ICCCC2006, ICCCC2008, ICCCC2010, ICCCC2012, ICCCC2014, ICCCC2016, ICCCC2018, ICCCC2020.
2. Organizer and Chair of a Special Session at the International Conference in Information Technology and Quantitative Management (ITQM): 2013-2019.

Selected Awards

1. 1988: "Distinguished Teacher" Title (from Romanian Ministry of Education).
2. 2003: "Prize for Young Scientist" (from ROMAI Society).
3. 2008: "Professor of 2008 Year" (from Senate of Agora University of Oradea).
4. 2009: "Graduation of Merit" (from Senate of Aurel Vlaicu University of Arad).
5. 2010-present: "Excellency Diploma" (from Senate of Aurel Vlaicu University of Arad: 2010, 2016, 2017).

IJCCC: Elsevier Interview with Ioan Dzitac



Elsevier: How do you feel about being nominated for Scopus Awards 2015?

Editor-in-Chief Ioan Dzitac: The whole team is honored by the nomination which we believe is an acknowledgement of all the hard work that stands behind the publishing of International Journal of Computers Communication & Control (IJCCC). We would like to thank our authors, reviewers and the entire team for all their dedication, originality and hard work.

Elsevier: What gap do you think your journal fills in your respective field of research?

Editor-in-Chief Ioan Dzitac: IJCCC has been focused from the very beginning on promoting research that integrates the 3Cs (Computing, Communication and Control) as to N. Wiener's theory in order to try and differentiate ourselves from the other journals indexed in the same category by Scopus.

Elsevier: If you could pick five articles of great importance for your field of research that have been published in your journal which would those be and why?

Editor-in-Chief Ioan Dzitac: I have decided to choose 5 of the most cited articles according to international databases such as Scopus and SCI Expanded: Spiking neural P systems with anti-spikes, Tissue P systems with cell division, Computing Nash equilibria by means of evolutionary computation, Lorenz system stabilization using fuzzy controllers, Neuro-fuzzy based approach for inverse kinematics solution of industrial robot manipulators.

Elsevier: For you, as Editor-in-chief, what is the most important development objective for 2016?

Editor-in-Chief Ioan Dzitac: Reinforcing the intellectual current we have created through publishing high quality articles that bring new ideas and multidisciplinary approaches.

Elsevier: Why did you choose to publish your journal Open Access?

Editor-in-Chief Ioan Dzitac: We have never followed financial gain as our main goal has been to publish high quality articles with a real effect on the evolution of society.



Elsevier: What do you think makes your journal stand out?

Editor-in-Chief Ioan Dzitac: First of all it stands out through the approach of the subject by integrating the 3Cs. On top of this I would add the geographical distribution of the authors that come from over 45 countries and are affiliated to more than 150 universities. The prestige of the editorial board that included researchers from 14 countries

The editorial team is another strong point as it includes researchers affiliated to high ranked universities from top 100 QS: 1. Massachusetts Institute of Technology (MIT), 17. Cornell University, 24. McGill University, 25. Tsinghua University, 26. University of California Berkeley, Berkeley (UCB), 56. Tokyo Institute of Technology, 70. Shanghai Jiao Tong University, 80. University of Sheffield, 89. Purdue University, 96. University of Alberta).

Finally I would like to point out our association with the International Conference on Computers Communications and Control.

Meeting with Father of Fuzzy Logic: Prof. Lotfi A. Zadeh

Fuzzy logic theory and the concept of soft computing were created by Lotfi A. Zadeh (1921-2017), one of the most influential scientist in computer science (Zadeh's papers were cited over 200,000 times).



ICCC2008: Lotfi A. Zadeh & Ioan Dzitac



Volume published in Ed. House of Romanian Academy, 2008

In 1965 Lotfi A. Zadeh published *Fuzzy Sets*, his pioneering and controversial paper. The departure of fuzzy logic from the classical Aristotelian Logic, with a tradition of over two millennia, several mathematicians and scientists has made fuzzy logic an object of controversy, skepticism and hostility, that now reaches over 111,000 citations. All Zadeh's papers were cited over 242,000 times. Starting from the ideas presented in that paper, Zadeh founded later the Fuzzy Logic theory, that proved to have useful applications, from consumer to industrial intelligent products. In 2007 I had the great privilege to meet a world-renowned scientist Lotfi A. Zadeh and since then my scientific interest has been focused to Soft Computing Methods in Fuzzy Environments.

My collaboration with Lotfi A. Zadeh (1921-2017) has been started in 2008. He has been an invited speaker at my conference ICCCC 2008, International Conference on Computers Communications and Control, an ISI indexed conference, founded and chaired by myself, and co-editor of a collective volume "From Natural Language to Soft Computing: New Paradigms in Artificial Intelligence".

I had the great privilege to meet (2007) and collaborate (2008, 2011, 2015) within generously professor Lotfi A. Zadeh. At his death I have dedicate him the paper *Fuzzy Logic Is Not Fuzzy: World-renowned Computer Scientist Lotfi A. Zadeh*, that deal about his life and work. So, I consider that Prof. Zadeh was my mentor.

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Signature,