

Ioan-Lucian POPA (Senior Lecturer in Mathematics) – Curriculum Vitae

CONTACT INFORMATION

“1 Decembrie 1918” University of Alba Iulia
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EDUCATION

1996-2000	“Traian Lalescu” National College, Hunedoara, Romania Informatics class
2000-2004	West University of Timisoara, Romania B.S. in Pure Mathematics,
2004-2006	West University of Timisoara, Romania M.S. in Mathematics Program: Operatorial Models Applied in Optimal Control and Differential Geometry
2004-2006	West University of Timisoara, Romania B.S. in Computer Science
2003-2004	University Bordeaux 1, France Master 1, Engineering Mathematics
2006-2012	West University of Timisoara, Romania PhD in Mathematics Title of thesis: “Asymptotic behaviours of Linear Discrete-Time Systems in Banach Spaces” Supervisor: Prof. Dr. Mihail Megan

ACADEMIC EXPERIENCE

2005-2006	Grup Scolar “Tudor Tanasescu”, Timisoara	Instructor (Informatics)
2007-2009	West University of Timisoara, Romania Faculty of Mathematics and Computer Science	Teaching Assistant
2013-2018	“1 Decembrie 1918” University of Alba Iulia, Romania Faculty of Science and Engineering	Assistant Professor
2018-	“1 Decembrie 1918” University of Alba Iulia, Romania Faculty of Science and Engineering	Senior Lecturer

RESEARCH INTERESTS

- Systems and Control Theory
- Qualitative theory of time-varying systems

HONORS AND AWARDS

- Merit Scholarship – West University of Timisoara, 1996-2000
- M.S. Erasmus Scholarship – University Bordeaux 1, France 2003-2004
- PhD Research Fellowship of the Romanian Education Ministry 2006-2012
- Excellence Diploma “Professor Bologna” 2017 award granted by National Alliance of Student Organizations in Romania (ANOSR)
- Rewarding research results - articles by CNCS/CCCDI –UEFISCDI (6 articles)

RESEARCH/DEVELOPMENT GRANTS AND CONTRACTS

- PhD Research Grant of the Romanian Education Ministry, Project Nr. 11190
“Asymptotic behaviors of Linear Discrete-Time Systems in Banach Spaces”
- PN-III-P2-2.1-BG-2016-0333 “Intelligent system based on machine learning and artificial vision for the optimization of manufacturing porcelain” of the Romanian National Authority for Scientific Research and Innovation, CNCS/CCCDI –UEFISCDI

- PN-III-P2-2.1-PED-2016-1835 "Computational Models for Reproducing Ceramics Colors" of the Romanian National Authority for Scientific Research and Innovation, CNCS/CCCDI –UEFISCDI
- PN-III-P1-1.1-MC-2017-2172, short-term research grant to Texas A.&M. University, U.S.A., 2018
- PN-III-P1-1.1-MC-2018-3273, short-term research grant to Missouri S&T University, U.S.A., 2018
- "Electrical, electronic and fluidic measurements and the development of an energetic complex audit for the workstations in Sibiu and Buzias of the company SC SIMEA Sibiu for 2015" research contract No. 928/21.10.2015 with SIEMENS Industrial Manufacturing Engineering and Applications SIMEA Srl
- "Services supporting the energetic complex audit of the subordinated workstations of CAA SA for 2015" research contract Nr 968/11.11.2015 with S.C. Compania de Apa Arad SA
- POSDRU/161/2.1/G/142060 "Your Company – Your First Job" Key person from „1 Decembrie 1918" University of Alba Iulia
- POSDRU/56/1.2/S/32678 "Formation of academics and students in the use of modern teaching-learning-assessment tools for mathematical disciplines in order to create effective and practical skills for the labour market", West University of Timisoara
- CNFIS-FDI-2017-0592 "Mechanisms and tools to correlate the educational offer with the requirements of the labor market within the "1 Decembrie 1918" University of Alba Iulia" (PRO-INSERT)
- DARIS-Nr. 91/19.12.2017, "Development, affirmation, success early student" Secondary Education (ROSE), 2018-2020
- Travel Grant EEA Grants, Nesna University, Norway, May 2016
- Travel Grant Erasmus+, Derby University, United Kingdom, March 2016
- Travel Grant CEEPUS Grant, University of Miskolc, Hungary, August 2016
- Travel Grant Erasmus+, Derby University, United Kingdom, March 2017
- Travel Grant Erasmus+, University of Technology, Russia, June 2018
- Travel Grant Erasmus+, Derby University, United Kingdom, September 2018

INVITED/COLLOQUIUM TALKS

- "Asymptomatic Behaviors of Homogenous and Recurrent Linear Strings" XVth Edition of Annual Meeting of the Romanian Mathematical Society), 29 September- 2 October, 2011, Hunedoara, Romania
- "Dynamical systems: A state-of-the-art survey", University of Derby, March 18, 2016, United Kingdom
- "Dichotomies for Time-Varying Systems" Missouri S&T Global-St. Louis, December 6, 2018 (UMSLMathematics and Computer Science Colloquium) and Missouri S&T, Mathematics and Statistics Colloquium, December 7, 2018

ADDRESSES AT CONFERENCES

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| 2008 | • International Symposium Research and Education in an Innovation Era 2nd Edition, 20-21 November, Arad, Romania |
| 2009 | • International Conference „Dynamical Systems and Applications" 5th Edition, 15-18 June, Constanta, Romania |
| | • The 12th Symposium of Mathematics and its Applications, 5-7 November, Timișoara, Romania |
| 2010 | • A XIV-a Conferință Anuală a S.S.M.R, 15-17 October, Alba-Iulia, Romania |
| | • International Symposium Research and Education in an Innovation Era 3rd Edition, 11-12 November, Arad, Romania |
| 2011 | • Zilele Academice Timișene, Editia a XII-a, 26 May, 2011, Timisoara, Romania |
| | • International Conference on Theory and Applications in Mathematics and Informatics, 21-24 July, Alba-Iulia, Romania |
| 2012 | • 24rd International Conference on Operator Theory, 2-7 July, Timișoara, Romania |
| 2013 | • Joint international meeting of the American Mathematical Society and Romanian Mathematical Society, 27-30 June, Alba-Iulia, Romania |
| 2015 | • 10 Editions of IEEE International Symposium on Applied Computational Inteligente and Informatics, SACI 2015, 21-23 May, Timisoara, Romania |
| | • International Conference on Theory and Applications in Mathematics and Informatics 2015, Alba Iulia, Romania |

- The Eight Congress of Romanian Mathematicians, 26 June -1 July, Iasi, Romania
- The International Conference Mathematical and Computational Modelling on Science and Technology, 2-7 August, Izmir, Turkey
- 2016 • 12th International Symposium on Geometric Function Theory and Applications, Alba Iulia, Romania
- 11th edition of IEEE International Symposium on Applied Computational Intelligence and Informatics, SACI 2016, Timisoara
- 1st IMA Conference on Theoretical and Computational Discrete Mathematics 22–23 March, Derby, United Kingdom
- 2017 • 21st International Conference on System Theory, Control and Computing, 19-21 October, Sinaia, Romania
- Recent Trends in Pure and Applied Mathematics, 31 July - 4 August, Alba Iulia, Romania
- 2018 • Optimization and Experimental Research in Smart Applications & Technologies for Electronic Engineering, 22-24 July, Alba Iulia, Romania
- International Conference on Mathematics and Computer Science- 3rd Edition, June 14-16 Braşov, Romania
- 2nd IMA Conference on Theoretical and Computational Discrete Mathematics 14–15 September, Derby, United Kingdom
- 15th International Conference on Mathematics and its Applications ICMA 2018, November 1-3, Timișoara, Romania
- 2019 • Second Romanian Itinerant Seminar on Mathematical Analysis and its Applications, May 10–12, Constanta, Romania
- 16th International Conference on Applied Mathematics and Computer Science, July 3-6, Cluj-Napoca, Romania
- 2nd International Conference on Mathematical Modelling in Applied Sciences, ICMMAS'19, August 20-24, Belgorod, Russia
- 2020 • AMEFSS 2020 – Applied Modeling in Economics, Finance and Social Sciences, Online Conference, 28 June- 2 July, 2020
- 2nd International Conference on Mathematical Modeling and Computational Methods in Science and Engineering, Alagappa University, Karaikudi, India January 22-24, 2020

PUBLICATIONS

- 15 articles published in ISI journals
- 19 articles published in other refereed journals indexed in international databases
- 9 articles published in proceedings of international conferences
- h-index = 8 (according to Google Scholar, as of June 2020)
- research monograph “Linear discrete-time systems in infinite dimensional spaces” Aeternitas, 2015, 151 pag.
- didactic books
 - Arithmetics and Number Theory (in Romanian), Aeternitas 2016, 185 pag
 - Elements of Arithmetics. Theory and Problems (in Romanian), Aeternitas, 2015, 328 pag.
 - Mathematics problems with solutions at tenure competition 1993-2013 (in Romanian), MatrixRom 2014, 500 pag
 - Methodology of mathematical activities (in Romanian), Didactic Series UAB, 2016
 - Methods to solve arithmetic problems (in Romanian), Didactic Series UAB, 2016
 - Special Mathematics (in Romanian), Didactic Series UAB, 2017

OTHER PROFESSIONAL ACTIVITIES

- Associate Editor
 - Central European Journal of Mathematics (2010-2012)
 - Acta Universitatis Apulensis Seria Matematică-Informatică
 - American Journal of Mathematical Analysis
 - International Journal of Discrete Mathematics (2016-2019)
 - International Journal of Multidisciplinary Research and Analysis
 - SCIREA Journal of Mathematics
- Proceedings Editor

- Proceedings of the 8th International Conference on Theory and Applications of Mathematics and Informatics, ICTAMI 2015, Aeternitas Publishing House
- TREPAM 2017: Selected Topics in Discrete Mathematics, 31 July - 4 August, 2017, Alba Iulia, Romania, Electronic Notes in Discrete Mathematics, Elsevier
- TREPAM 2017: Selected Topics in Pure Mathematics, 31 July - 4 August, 2017, Alba Iulia, Romania, Aeternitas Publishing House
- Proceedings of the 12th International Symposium on Geometric Function Theory and Applications, GFTA2016, Aeternitas Publishing House
- Conference organization duties
 - Smart Applications & Technologies for Electronic Engineering, SATEE2018, June 21-23, 2018, Alba Iulia, Romania
 - 2nd IMA Conference on Theoretical and Computational Discrete Mathematics 14–15 September 2018, University of Derby, U.K
 - The International Conference on Service Science, Technology and Engineering, SSTE2017 June 23-25, 2017, Suzhou, China
 - Recent Trends in Pure and Applied Mathematics, TREPAM2017, 31 July- 4 August 2017, Alba Iulia, Romania
 - 13th International Symposium on Geometric Function Theory and Applications GFTA2017, 3-6 August 2017, Arad, Romania
 - International Conference on Physics, Mathematics and Statistics, 23-24 September 2017, Shanghai, China
 - 12th International Symposium on Geometric Function Theory and Applications [GFTA2016], 25-28 August 2016, Alba Iulia, Romania
 - International Conference on Theory and Applications in Mathematics and Informatics, 17-20 September, 2015, Alba Iulia, Romania
- Member as a Technical Program Committee for more than 80 conferences
- Conference general chair
 - 2nd International Conference on Electrical, Control and Automation Engineering [ECAE2017] December 24-25, Xiamen, China, 2017
 - International Conference on Applied Mathematics, Algorithms and Modelling, February 7-8, 2018, Wuhan, China
 - International Conference on Electrical, Mechanical and Automation Engineering, Shanghai, China, December 22-23, 2018
 - International Conference on Artificial Intelligence, Control and Automation Engineering, June 23-24, 2019, in Wuhan, China
 - International Conference on Modeling, Simulation and Big Data Analysis, Wuhan, China during June 23-24, 2019
- Member of the following professional societies
 - SSMR - Romanian Mathematical Society
 - IAENG - International Association of Engineers
 - ISDE - International Society of Difference Equations
 - EMS - European Mathematical Society
 - ISDG - International Society on Dynamic Games
- Reviewer for Mathematical Reviews/MathSciNet (ID: 94649)
- Reviewer for Zentralblatt (ID: 14700)
- Reviewer for the following journals
 - Applied Mathematics & Optimization
 - Automatica IFAC
 - Portugaliae Mathematica
 - Journal of Computational and Applied Mathematics
 - Mathematical Methods in the Applied Sciences
 - Nonlinearity
 - Boundary Value Problems
 - Advances in Difference Equations
 - Journal of Inequalities and Applications
 - Symmetry
 - Entropy
 - Mathematics

- Czechoslovak Mathematical Journal
- AIMS Mathematics
- American Journal of Modelling and Optimization
- Open Mathematics
- American Journal of Systems and Software
- Asian Research Journal of Mathematics
- Annals of West University of Timisoara - Mathematics and Computer Science
- Journal of Mathematical Sciences and Applications
- Industrial Engineering
- Journal of Discrete Mathematics
- Applied Mathematics and Physics
- Turkish Journal of Analysis and Number Theory
- Journal of Advances in Mathematics and Computer Science
- International Journal of Partial Differential Equations and Applications
- Reviewer for more than 30 Conference Proceedings

PERSONAL

- Language skills
 - Romanian (native)
 - English (Understanding - C1 Speaking - C1 Writing - C1)
 - French (Understanding - B1 Speaking - B1 Writing - B1)