PERSONAL INFORMATION

Cristinel Mortici

Strada Mihai Viteazul 177, 137007 Viforâta, judeţul Dâmboviţa, România

cristinel.mortici@valahia.ro ; cristinel.mortici@hotmail.com

Sex Male | Date of birth 30/07/1968 | Nationality Romanian

WORK EXPERIENCE

May 2014 - Present

Full Member of the Academy of Romanian Scientists

Strada Ilfov 3, Bucharest, sector 5, Romania

https://www.aosr.ro/en

▪ Tel.: 0040 213 147 491 Email: secretariat@aosr.ro

October 2012 – Present

Full Professor Habilitat at Valahia University of Târgoviște

Str. Aleea Sinaia, nr. 13, 130004 Târgovişte, Romania

www.valahia.ro

Tel.: +40 245 206 101 Email: rectorat@valahia.ro

October 2012 - October 2020

Dean of the Faculty of Sciences and Arts, Valahia University of Târgoviște

Str. Aleea Sinaia, nr. 13, 130004 Târgovişte, Romania

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Tel.: +40 245 206 101 Email: rectorat@valahia.ro

October 2003 - October 2012

Assistant Professor at Valahia University of Târgoviște

Str. Aleea Sinaia, nr. 13, 130004 Targoviste, Dambovita

▪ Tel.: +40 245 206 101 Email: rectorat@valahia.ro
▪ Director of Department of Mathematics

October 2000 – October 2003

Lecturer at Valahia University of Târgovişte

Str. Aleea Sinaia, nr. 13, 130004 Targoviste, Dambovita

▪ Tel.: +40 245 206 101 Email: rectorat@valahia.ro
▪ Director of Department of Mathematics

October 1996 – October 2000

University Assistant at Ovidius University of Constanţa

Bd. Mamaia, no. 124, 900527 Constanța, Romania

▪ Tel.: +40 241 606 467 Email: rectorat@univ-ovidius.ro
http://www.univ-ovidius.ro

October 1993 – October 1996

University Instructor at Valahia University of Târgovişte

Str. Aleea Sinaia, nr. 13, 130004 Targoviste, Romania

▪ Tel.: +40 245 206 101 Email: rectorat@valahia.ro
▪ Director of Department of Mathematics

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EDUCATION AND TRAINING

October 2012

Habilitation in Mathematics

Ministry of the National Education in Romania

▪ Str. Gen. Berthelot, no. 28-30, 010168 Bucharest, Romania

October 1994 - October 1999

Ph.D. in Mathematics

Thesis: Topological and Variational Methods for Partial Differential Equations

Simion Stoilov Institute of Mathematics - Romanian Academy
Calea Griviței, no. 21, 010702 Bucharest, Romania
Tel.: +40 213 196 505 - http://www.imar.ro

October 1988 – October 1993

License in Mathematics

University of Bucharest – Faculty of Mathematics

▪ Str. Academiei 14, 010014 Bucharest, Romania – http://www.fmi.unibuc.ro

October 1983 – October 1987

High School

"Ienăchiță Văcărescu" High-School of Târgoviște

Calea Domnească Street, no. 235, 130016 Târgoviște, Romania

PERSONAL SKILLS

Mother tongue: Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
German	B2	C1	B2	B2	C1

Communication skills

▪ Good communication skills in a clear and concise style
▪ Appropriate attitude in communication: friendly tone, open minded
▪ Understanding and respect for the interlocutor's point of view
▪ Good listener of interlocutors with different opinion
▪ Good reading skills of the body language of the interlocutor

Organisational / managerial skills

Ability of assuming higher positions of responsibility
▪ Ability to interact and cooperate effectively with other people
▪ Ability of recognize, define and solving problems
▪ Ability to perform a job properly

Other skills

▪ Driving License B, Photography, Travel, Literature

Driving licence

▪ B

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ADDITIONAL INFORMATION

Publications

WOS Hirsh index h = 33. ISI Citations: 2294
157 Papers covered by ISI Science Citation Index Expanded - Thomson Reuters

10 selected papers

- C. Mortici, Product Approximations via asymptotic integration, *American Mathematical Monthly*, 117 (2010), no. 5, 434-441.
- C. Mortici, On Ramanujan's large argument formula for the gamma function, *Ramanujan Journal*, 26 (2011), no. 2, 185-192.
- C. Mortici, Error estimates of Ramanujan-type series, *Ramanujan Journal*, (2012), 27 (2012), no. 2, 169-179.
- C. Mortici, Monotonicity properties of the volume of the unit ball in Rn, *Optimization Letters*, 4 (2010), no. 3, 457-464.
- C. Mortici, Accurate estimates of the gamma function involving the psi function, *Numerical Functional Analysis and Optimization*, 32 (2011), no. 4, 469-476.
- C. Mortici, Sharp bounds of the Landau constants, *Mathematics of Computation*, 80 (2011), 1011-1018.
- C. Mortici, Ramanujan formula for the generalized Stirling approximation, *Applied Mathematics and Computation*, 217 (2010), no. 6, 2579-2585.
- C. Mortici, Completely monotone functions and the Wallis ratio, *Applied Mathematics Letters*, 25 (2011), no. 4, 717-722.
- C. Mortici, A class of integral approximations for the factorial function, *Computers and Mathematics with Applications*, 59 (2010), no. 6, 2053-2058.
- C. Mortici, Accurate approximations of the Mathieu series, *Mathematics and Computer Modelling*, 53 (2011), no. 5-6, 909-914.

Main coauthors

- Hari M. Srivastava, University of Victoria, Canada
- Themistocles M. Rassias, National Technical University of Ahens, Greece
- Branko Malesevic, University of Belgrade, Serbia
- Lokenath Debnath, The University of Texas Pan-American, USA
- Feng Qi, Henan Polytechnic University, China
- Chao-Ping Chen, Henan Polytechnic University, China
- Yue Hu, Henan Polytechnic University, China
- Dawei Lu, Dalian University, China
- Xiaojing Yang, Tsinghua University, China
- Ling Zhu, Zhejiang Gongshang University, China
- Soon Mo Jung, Hongik University, South Korea
- Michael Th. Rassias, ETH Zentrum, Zürich, Switzerland
- Mark B. Villarino, University of Costa Rica, Costa Rica

Main visits

- Technische Universität München – Germany (1992)
- Aalborg University – Denmark (1998)
- Wroclaw Institute of Mathematics – Poland (2004, 2007, 2009)
- University of Camerino – Italy (2011)
- Henan Polytechnic University, Jiaozuo – China (2011)
- University of Texas at Arlington – USA (2012)
- Moldova State University, Chișinău, Republic of Moldova (2013)
- CERN Laboratories, Geneva – Switzerland (2014).
- University of Jaén - Spain (2014)
- National Technical University of Athens – Greece (2014)

Honours and award

- Excellence Prize in Education, Valahia University of Târgoviște (2025)
- Professor Honoris Causa, Ovidius University of Constanța (2024)
- "Nicolae Teodorescu" Prize of the Academy of the Romanian Scientists (2014)
- "Dimitrie Pompeiu" Prize of the Romanian Academy (2012)
- Prize for the most cited author in Carpathian Journal of Mathematics (2010)
- Anniversary Prize "110 years of Gazeta Matematică (Bucharest)" (2005).

Member in editorial boards of international journals

- Journal of Applied Mathematics
- Carpathian Journal of Mathematics
- Journal of Inequalities and Special Functions
- International eJournal of Mathematics and Engineering
- Creative Mathematics and Informatics
- Antarctica Journal of Mathematics

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▪ Journal of Advanced Mathematical Studies
▪ Journal of Science and Arts
▪ Mathematics and Informatics Sofia.

Referee to international journals

▪ American Mathematical Monthly
▪ Journal of Mathematical Analysis and Applications
▪ Journal of Number Theory
▪ Advanced in Mathematics
▪ Numerical Algorithms
▪ Carpathian Journal of Mathematics
▪ Creative Mathematics and Informatics
▪ Journal of Advanced Mathematical Studies
▪ Abstract and Applied Analysis
▪ Applied Mathematics and Computation
▪ International Scholarly Research Notices
▪ Hacettepe Journal of Mathematics and Statistics
▪ Journal of Inequalities and Applications
▪ Mathematical and Computer Modelling
▪ Applied Mathematics Letters
▪ Computers and Mathematics with Applications
▪ Miskolc Mathematical Notes
▪ Bulletin of the Korean Mathematical Society
▪ Journal of Science and Arts

Memberships

▪ Member in the National Board of the Romanian Mathematical Society
▪ Member of the Committee of the Romanian National Mathematical.
▪ Coach of the Romanian Team participating at the International Mathematical Olympiad
▪ Leader of the Romanian Team participating at the Junior Balkan Mathematical Olympiad, Chișinău, Republic of Moldova, 2006.
▪ Leader of the Romanian Team participating at the Junior Balkan Mathematical Olympiad, Iași, Romania, 2009.
▪ Expert at The Romanian Agency for Quality Assurance in Higher Education.

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