PERSONAL INFORMATION

Cristinel Mortici

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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

www.valahia.ro
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

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

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 Târgovişte (2025)
▪ Professor Honoris Causa, Ovidius University of Constanţa (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

- 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.