Prof. Dr. GABRIELA CRISTESCU

CURRICULUM VITAE

Actual position and workplace:
- Professor at the Department of Mathematics and Computer Sciences, Facultaty of Exact Sciences; "Aurel Vlaicu" University of Arad

Personal data:
- Surname and name: CRISTESCU GABRIELA
- E-mail: gcristescu@inext.ro , gabriela.cristescu@uav.ro

Studies:
- 1979: Graduated from the Mathematics-Mechanics Faculty, „Babeş -Bolyai" University of Cluj-Napoca.
- 1980: Post-graduated specialization in Numerical Analysis, Mathematics-Mechanics Faculty, „Babeş -Bolyai" University of Cluj-Napoca.
- 1998: Doctor în mathematics from Mathematics-Mechanics Faculty, „Babeş -Bolyai" University of Cluj-Napoca, scientific advisor Prof. Dr. Doc. Elena Popoviciu, with the thesis having the title: *Extinderea noţiunilor de comportare şi aproximare la unele domenii particulare ale cercetării* (Extensions of the notions of behaviour and approximation to some particular domains of the research).
- 2009: Master in Project Management, Faculty of Communications and Public Relations, National School of Politiccal and Administrative Studies, Bucharest.
- 1996 attended courses of Master of Business Administration at University of East London, East London Business School, London UK (within the project TEMPUS JEP 07415/94).
- 1997 – specialization in academic management and international communications at Université d'Artois, IUT Béthune, France.

Didactic activity / professional activity in education:
- 1980 - 1982 mathematics teacher at Liceul Industrial nr. 1 din Arad, appointed by governmental decision;
- 1982 - 1990 mathematics teacher at Liceul Pedagogic "Dimitrie Ţichindeal" din Arad;
- 1990 - 1998 Senior Lecturer at "Aurel Vlaicu" University of Arad
- 1998 – 2003 Associated Professor at "Aurel Vlaicu" University of Arad
- 2003 – present Professor at "Aurel Vlaicu" University of Arad

Scientific activity:
Domains of expertise:
- generalized convexity and related topics, with applications in operational research, digital image processing and computational geometry
- mathematical inequalities and applications
- environmental mathematics
- pedagogy of mathematics

18 published books:
- 2 books published abroad: **Cristescu, G**., Lupşa, L., *Non-Connected Convexities and Applications*, Kluwer Academic Publishers, Dordrecht / Boston / London, 2002, 386 pages, (ISBN 1-4020-0624-1) (collection *Applied Optimization*, no. 68); **Cristescu, G**., *Behaviours - Implications and Applications in Convexity Recognition and in Topology*, Monographical Booklets in Applied & Computer Mathematics, MB-13, PAMM-Center, Technical University Budapest, Budapest, 2000, 136 pages, (ISSN 1417-278 X)
- 11 textbooks for students, published in Romanian Publishing Houses CNCSIS classified

Published papers:
- 126 published papers in journals classified by various scientific institutions and reviewed within various international databases, as unique author or coauthor

Editor:
- 4 edited volume, 1 care taken volume

Projects:
- 7 research projects and national or international research grants - director (4) or team member (3)

National and International visibility
Awards:
- 2003 – the "Babeş – Bolyai" University of Cluj-Napoca awarded the book Cristescu, G., Lupşa, L., *Non-Connected Convexities and Applications*, Kluwer Academic Publishers, Dordrecht / Boston / London, 2002, as **the best book published in 2002** by the members of the "Babeş – Bolyai" University of Cluj-Napoca**.**
- 2015 – two papers awarded by Uefiscdi (1. **PN-II-RU-PRECISI-2015-9-10680** - Cristescu, G., Noor, M.A., Awan, M.U., Bounds of the second degree cumulative frontier gaps of functions with generalized convexity, *Carpathian J. Math.*, 31(2), 2015, 173-180; 2. **PN-II-RU-PRECISI-2015-9-10684** - Noor, M.A., Cristescu, G., Awan, M.U., Generalized fractional Hermite-Hadamard inequalities for twice differentiable s-convex functions, *Filomat*, 29:4(2015), 807-815)
- 2016 – two papers awarded by Aurel Vlaicu University of Arad (1. Cristescu, G., Noor, M.A., Awan, M.U., Bounds of the second degree cumulative frontier gaps of functions with generalized convexity, *Carpathian J. Math.*, 31(2), 2015, 173-180; 2. Noor, M.A., Cristescu, G., Awan, M.U., Generalized fractional Hermite-Hadamard inequalities for twice differentiable s-convex functions, *Filomat*, 29:4(2015), 807-815)

Member:
- from 1980 of the Romanian Mathematical Society;
- from 1992 of International Society of Multiple Criteria Decision Making, Athens, USA.
- from 2000 of PROMETHEUS Working Group in Ethics in Decision Making, Bruxelles, Belgium
- from 2001 of Working Group of Convex Analysis, Riverside, California, USA.
- from 2002 of Research Group of Mathematical Inequalities and Applications, Melbourne, Australia
- from 2006 of American Mathematical Society

Reviewer

- Mathematical Reviews
- Zentralblatt für Mathematik
- 25 international mathematical journals published in Romania, USA, Netherlands, Hungary, Poland, Kuwait, Georgia, Latwia, Holland, Serbia, Greece

Member of the Editorial Board of more following journals:

Managerial Activity:

- Chancellor of the Department of Mathematics and Informatics of „Aurel Vlaicu" University of Arad (1994-2000)
- Member of the Senate of „Aurel Vlaicu" University of Arad (1994-2000)
- Member of the Board of the Engineering Faculty of „Aurel Vlaicu" University of Arad (1994-2000)
- Foreign Relations Responsible of "Aurel Vlaicu" University of Arad, within the TEMPUS - PHARE European Program (1993 – 2000)
- Director of the University – Enterprises Centre, Branch of Arad (1995-2005)
- Member of the Board of Department of Mathematics and Informatics of „Aurel Vlaicu" University of Arad (1999 – 2004)

Foreign languages known:

- English: write, read, speak – very good
- French: write, read, speak – very good
- Italian, Spanish, Portuguese – read professional texts

Arad, October 28/ 2019   Prof. Dr. Gabriela Cristescu