

PERSONAL INFORMATION

Paul Popescu

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APPLIED FOR

Abilitation in Mathematics

WORK EXPERIENCE

October 2005 to present

Full Professor

Department of Applied Mathematics, University of Craiova, 13, A.I.Cuza st., Craiova, RO-200585, Romania

October 2000 to
September 2005**Associate Professor,**

Department of Applied Mathematics, University of Craiova

October 1998 to
September 2000**Associate Professor,**

Department of Mathematics, University of Craiova

October 1994 to
September 1998**Lecturer**

Department of Mathematics, University of Craiova

December 1989 to
September 1994**Assistant Professor**

Department of Mathematics, University of Craiova

September 1985 to
November 1989**Mathematician, Scientific researcher**

Institute for Technical Calculus and Informatics (ITCI), Bucharest, Craiova branch

September 1981 to
August 1985**Mathematics teacher**

Industrial Lyceum no. 6, Rm Valcea, Romania

EDUCATION AND TRAINING

February 1989 to
December 1995**Ph. D., Mathematics**

Geometry of vector bundles; Advisor: Prof. Dr. Vasile Cruceanu University A.I.Cuza, Iasi

- Algebraic Topology (exam)
- Lie Groups and Lie Algebras (exam)
- Differential Geometry (exam)
- Riemannian Foliations (report)
- Geometric Algebra (report)

September 1977 to
June 1981**B. A., Mathematics**

Faculty of Sciences, University of Craiova

PERSONAL SKILLS

Mother tongue(s)

Romanian

Other language(s)	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
Français	B2	B2	B2	B2	B2
	Independent user	Independent user	Independent user	Independent user	Independent user
Interlingua Center Craiova..					
English	B2	B2	B2	B2	B2
	Independent user	Independent user	Independent user	Independent user	Independent user
Interlingua Center Craiova..					

[Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user
Common European Framework of Reference for Languages](#)

Communication skills Works well in a team.

Organisational / managerial skills

- Vice president of Balkan Society of Geometers; since 2008.
- Director of *Center for Research, Education and Promotion of Mathematics in Science, Technology and Society* from University of Craiova

Digital skills Good command of

- LaTeX and Scientific WorkPlace,
- Maple and MatLab platforms,
- Microsoft Office™ tools (Word™, Excel™ and PowerPoint™)

Driving licence B

ADDITIONAL INFORMATION

Research directions geometry of differential equations on manifolds, Finsler and Lagrange geometry, geometric algebra, geometric methods in mechanics
 16D10 General module theory, 18F15 Abstract manifolds and fiber bundles
 34A26 Geometric methods in differential equations, 34C40 Equations and systems on manifolds, 37J60 Nonholonomic dynamical systems
 53B15 Other connections, 53B25 Local submanifolds, 53B40 Finsler spaces and generalizations (areal metrics), 53C05 Connections, general theory, 53C07 Special connections and metrics on vector bundles (Hermite-Einstein-Yang-Mills)
 53C12 Foliations (differential geometric aspects)
 53C15 General geometric structures on manifolds (almost complex, almost product structures, etc.), 53C17 Sub-Riemannian geometry, 53C50 Lorentz manifolds, manifolds with indefinite metrics, 53C60 Finsler spaces and generalizations (areal metrics)
 53D17 Poisson manifolds; Poisson groupoids and algebroids
 57R20 Characteristic classes and numbers
 57R30 Foliations; geometric theory
 58A10 Differential forms
 58A30 Vector distributions (subbundles of the tangent bundles)
 58B20 Riemannian, Finsler and other geometric structures
 58E30 Variational principles
 70F25 Nonholonomic systems, 70G45 Differential-geometric methods (tensors, connections, symplectic, Poisson, contact, Riemannian, nonholonomic, etc.)
 70H03 Lagrange's equations, 70H05 Hamilton's equations, 70H30 Other variational principles, 70H50 Higher-order theories, 70S05 Lagrangian formalism and Hamiltonian formalism

- Invited Lectures** (in the last 10 years)
1. VII-th International Conference "Finsler Extensions of Relativity Theory", FERT 2011, Romania, Braşov, August 29 - September 4, 2011.
 2. The International Conference DGDS-2008 & MENP-5, August 29 - September 02, 2008, Callatis High School, Mangalia, Romania.
 3. The International Conference of Differential Geometry and Dynamical Systems (DGDS-2010) 25-28 August 2010, University Politehnica of Bucharest, Romania.
 4. The International Conference of Differential Geometry and Dynamical Systems (DGDS-2011) 6-9 October 2011, University Politehnica of Bucharest, Romania.
 5. The International Conference "Differential Geometry and Dynamical Systems 2012" (DGDS-2012), 29 August - 2 September 2012, Callatis High-School, Mangalia, Romania.
 6. The International Conference of Differential Geometry and Dynamical Systems (DGDS-2013), 10-13 October 2013, University Politehnica of Bucharest, Romania.
 7. The VIII-th International Conference of Differential Geometry and Dynamical Systems (DGDS-2014), 1-4 September 2014, Callatis High School, Mangalia - Romania.
 8. The IX-th International Conference of Differential Geometry and Dynamical Systems, 8-11 October 2015, University Politehnica of Bucharest - Romania.
 9. The XII-th International Conference of Differential Geometry and Dynamical Systems (DGDS-2018) 30 August - 2 September 2018, Callatis High School Mangalia - Romania.
- Visiting Professor**
1. Aristotle University of Thessaloniki, Greece, June-July 2002; two weeks.
 2. ICMAT Madrid, Spain, September 1 to September 30, 2016 ,
 3. University of Salamanca, Polytechnic School of Zamora, Spain, October 1 to 6, 2016.
- Awards**
1. TEMPUS grant, University Jean Monnet of Saint-Etienne and University Claude Bernard of Lyon, January-March 1992.
 2. Summer School in Differential Geometry, Coimbra (Portugal), September 3-7 1999.
 3. Third prize in mathematics research, University of Craiova, 2014 year.
- Teaching Experience**
- Differential Geometry (one year lecture),
 - Analysis on Manifolds (one semester lecture),
 - Numerical Methods (one semester lecture),
 - Linear Algebra and Analytical Geometry (one semester lecture),
 - Scientific Calculus (one semester lecture),
 - Optimization methods for increasing the quality of electrical energy in electrical systems (one semester lecture).
- Member of editorial board**
1. Balkan Journal of Geometry and Application (since 2002)
 2. Associate Editor: Series "BSG Proceedings", Geometry Balkan Press (1997-2004).
 3. BSG Proceedings (2004-present).
 4. Journal of Advanced Mathematical Studies (2008-2012).
 5. Annals of the University of Craiova, Mathematics Series (since 2019).
- Scientific Referee**
- Journal of Geometric Mechanics; Journal of Geometry and Physics; Mathematical Methods in the Applied Sciences; Nonlinear Analysis Series A: Theory, Methods & Applications; Publicaciones Matematicae Debrecen; Filomat; International Journal of Geometric Methods in Modern Physics ; Bulletin of the Iranian Mathematical Society; Atti della Accademia Peloritana dei Pericolanti - Classe di Scienze Fisiche, Matematiche e Naturali; Computational and Mathematical Methods; Analele Universităţii "Al. I. Cuza" din Iaşi; Analele Universităţii din Craiova; Balkan Journal of Geometry and Its Applications; Journal of Advanced Mathematical Studies; Cogent Mathematics; Discussiones Mathematicae: Differential Inclusions, Control and Optimization; Mathematics MDPI;
- Grants**
- Member grant POC, *ID / Cod My SMIS: ID P_40_387, Cod SMIS 106020, Intelligent solutions for increasing security and competitiveness by monitoring, diagnosis, reducing unused energy effects and increasing generating energy efficiency and industrial consumers*, In charge Prof.dr. Nicolae Petre – Marian.
- Member of CNCSIS Grant, cod. 536/2008, contr. 695/2009, director conf.dr.Nicolae Ileana.
 - Member of CNCSIS Grant A 81/2005, director conf.dr. Popescu Marcela;;
 - Member of CNCSIS Grant A, 34967(182)/2001-2004 (University Politehnica Bucharest, director Prof. dr.Vladimir Balan;
 - Member of Contract 7C23/2004, (University of Craiova) 50C/26.11.2004. The project obtained in 2006 the Excellence Award to the Section Technological Development; 6) - Member of Grant CEEEX 100/13.10.2005, Subcontract 251/2005, In charge Prof.dr. Nicolae Petre – Marian: 5 stages: 1/2005; 2/2006; 3/2007; 4/2007/ 5/2008;
 - Member of Interdisciplinar Platform: TEHNOPLAT OLTENIA, (Director: Prof.dr.ing. Manolea Gheorghe, University of Craiova).

Hirsch Index 5
Social networking Researchgate,

- 22.42 overall score, higher than 75% of ResearchGate members
- 182.8 Total Research Interest score
- 252 Citations
- 2989 Reads
- h-index = 9, but excluding self-citations -> h-index = 6

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