

CURRICULUM VITAE

Stefan Papadima

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Professional Address

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Education

B.S. mathematics, University of Bucharest, 1975
M.S. mathematics, University of Bucharest, 1976
Ph.D. mathematics, University of Bucharest, 1982

Employment

Teacher, High School Vulcan, Bucharest	1976–1980
Junior Researcher, INCREST, Bucharest	1980–1982
Researcher, INCREST, Bucharest	1982–1984
Senior Researcher, INCREST, Bucharest	1984–1990
Senior Researcher, Head of the Geometry and Topology Department, Institute of Mathematics of the Romanian Academy, Bucharest	1990–

Honors

G. Tzitzeica Prize of the Romanian Academy for contributions in Algebraic Topology, 1987

Visiting Positions

- Ohio–State University, Northwestern University (USA), Nov. 1991–March 1992
- Université de Lille 1 (France), Jan.–June 1994
- University of Sydney (Australia), Nov. 1994, Dec. 1995, Nov. 2003, Dec. 2012–Jan. 2013
- Université de Nantes (France), Feb.–July 1995, Feb.–July 1996, Sept. 1996–Feb. 1997, Sept. 1997–Feb. 1998, Feb.–July 1999
- Université de Nice (France), Apr.–May 2001, May 2002, Apr.–June 2005
- Université de Dijon (France), June 2001
- Ohio–State University (USA), Jan.–March 2002

- Université de Bordeaux–I (France), March 15–June 15 2003, Jan.–June 2004
- Université Catholique de Louvain (Belgium), October 2005
- Stone Visiting Professor, Northeastern University (USA), Jan.–April 2006
- Visiting Professor, Northeastern University (USA), Jan.–April 2011

Research Grants

- CEC Mobility Grant, Université de Lille 1, France, April–June 1993
- Volkswagen Stiftung (Research in Pairs program), Oberwolfach Mathematisches Forschungsinstitut, Germany, Oct.–Nov. 1999
- Member Math. Sciences Research Inst. Berkeley, USA, Aug. 15–Dec. 15, 2004
- Senior Guest Scientist, Math. Section International Centre for Theoretical Physics Trieste, Italy, Oct. 15–Nov. 15, 2006
- French-Romanian Programme LEA Math-Mode, 2008–2009
- Invited Speaker, Centro di Ricerca Matematica Ennio De Giorgi (Pisa), Italy, May–June 2010
- Max-Planck-Institut für Mathematik Bonn, Germany, April–May 2012
- Romanian Ministry of Education and Research (CERES), 2001–2003
- Romanian Ministry of Education and Research (CNCSIS), 2002, principal investigator
- Romanian Ministry of Education and Research (CERES), 2004–2006
- Romanian Ministry of Education and Research (CEEX), 2005–2007
- Romanian Ministry of Education and Research (CEEX), 2006–2008
- Romanian Ministry of Education and Research (CNCSIS), 2009–2011, principal investigator
- Romanian Ministry of Education and Research (CNCSIS), 2012–2013

Colloquia and Seminars

MSRI Berkeley, Brandeis–Harvard–MIT–NEU Joint Colloquium, Università di Pisa, Ohio–State University, Northwestern University, University of North Carolina at Chapel Hill, Northeastern University, Sydney University, University of New South Wales, Université de Lille 1, Université de Nantes, Université de Nice, Université de Grenoble, Université de Bordeaux, Université d’Angers, Université de Dijon, Université de Mulhouse, Université Catholique de Louvain, S. Banach Center for Mathematics Warsaw, Steklov Institute Moscow, University of Bucharest, University of Timișoara, University of Iași.

Conferences

11th Winter School on Geometry and Physics (Srni, Czech Rep.), Max–Planck Algebraic Homotopy Conference (Schloss Ringberg, Germany), 2nd Gauss Symposium (München, Germany), International Workshop on Differential Geometry (Constanța, Romania), International Conference on Algebraic Geometry, Commutative Algebra and Computer Algebra (Constanța, Romania), Workshop on Global Analysis, Differential Geometry and Lie Algebras (Thessaloniki, Greece), International Workshop on Differential Geometry (Sibiu, Romania), Workshop on Mathematics Related to Arrangements of Hyperplanes (Tokyo Metropolitan University, Japan), Algebraic Topology Conference (Angers, France), Collo-

ques Tresses (1999, 2001 and 2003, CIRM Luminy, France), Arrangements d'hyperplans complexes (Bordeaux, France), IMAR Workshop on Algebraic Geometry, Commutative Algebra and Topology (Bucharest 2001 and Mamaia 2002, Romania), Workshop on Differential Geometry (Timișoara, Romania), Braids in Cortona (Arezzo, Italy), 5th and 6th International Congress of Romanian Mathematicians (Pitești 2003 and Bucharest 2007, Romania), Arrangements of Hyperplanes (Ascona, Switzerland), AMS Special Session on Arrangements and Configuration Spaces (Durham, US), Braids and their ramifications (Cortona, Italy), Mini-workshop on topology of closed one-forms and cohomology jumping loci (Oberwolfach, Germany), Genova-Nice algebraic geometry day (Genova, Italy), International Conference in Algebraic Geometry (Bucharest, Romania), Moduli Spaces in Geometry and Physics (Sibiu, Romania), Fundamental groups in algebraic geometry (Nice, France), Geometry Workshop VBLXV (Bucharest, Romania), AMS Workshop and Special Session on 'The algebraic geometry and topology of hyperplane arrangements' (Boston-Worcester, US), Workshop on the topology of algebraic varieties (Nice, France), French-Romanian workshop on complex geometry (Bucharest, Romania), Singularités d'équations différentielles en géométrie algébrique (CIRM Luminy, France).

Professional Service

- Member of the Scientific Board of IMAR.
- Scientific Secretary of IMAR, 1990.
- Organizer: Topology Seminar, 1978– ; School on Semi-simple Lie Algebras (Iași), 1988; School on Compact Lie Groups (Mamaia), 1989; co-ordination of the Topology team, within the framework of the FP5 European Excellence Grant EURROMMAT of IMAR, 2001–2003.
- Co-organizer: IMAR Workshop on Algebraic Geometry, Commutative Algebra and Topology (Bucharest), 2001; IMAR Conference on Algebraic Geometry, Commutative Algebra and Topology (Mamaia), 2002; International Congress of Romanian Mathematicians (Pitești, 2003 and Bucharest, 2007); Summer School on Hyperplane Arrangements (Constanța), 2005; Special Session on Topics in Geometric and Algebraic Topology at the Joint AMS–RMS International Meeting (Alba Iulia, 2013).
- Referee (grant proposals): CNCSIS (Romania); Laboratoire Européen Associé CNRS Math Mode (France).
- Referee (PhD theses): Romania, Belgium, Pakistan.
- Member of the Editorial Board: Revue Roumaine de Mathématiques Pures et Appliquées, Mathematical Reports.
- Reviewer: Zentralblatt für Mathematik, Mathematical Reviews.

Teaching

- University of Bucharest: Elementary group theory; Topics in differential topology; Introduction to combinatorial topology; Projective and euclidean geometry; Singular homology and duality; Algebraic topology via differential forms; The topology and geometry of homogenous spaces; Homotopy groups and spectral sequences; Classification of homotopy types and deformation theory; Vassiliev invariants of knots and braids.
- Școala Normală Superioară (Bucharest): Homology, cohomology, Poincaré duality.

- Université de Lille, Université de Nantes, Université de Nice, Université de Bordeaux: Calculus; Linear algebra; Statistics; Elementary group theory and ring theory; Galois theory; Affine, euclidean and projective geometry; Basic algebraic topology; Characteristic classes and global integrability conditions.
- Ohio–State University: Calculus IV; Northeastern University: Rational homotopy theory; Twisted homology; Real analysis.

Students

- Octav Cornea, Professor at the University of Montreal;
- Louis Funar, Researcher at CNRS, Université de Grenoble;
- Daniel Matei, Researcher at IMAR Bucharest;
- Andrei Rațiu, Professor at the Technical University of Istanbul;
- Bogdan Bucicovschi, Ph.D. thesis supervised by D. Burghelea at Ohio–State University;
- Radu Popescu, Researcher at IMAR Bucharest;
- Dorin Cheptea, Researcher at IMAR Bucharest;
- Anca Macinic, Junior Researcher at IMAR Bucharest, PhD thesis defended in 2010.