

CURRICULUM VITAE

Stefan Papadima

Personal

Born 1953 in Bucharest, Romania

Married, one child

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 "Simion Stoilow" of the Romanian Academy	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
- 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

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
- 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

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), Colloques 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).

Professional Service

- Member of the Scientific Board of the Institute of Mathematics "Simion Stoilow".
- Scientific Secretary of the Institute of Mathematics "Simion Stoilow", 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.
- Referee (grant proposals): CNCSIS (Romania).
- Referee (PhD theses): Romania, Belgium, Pakistan.
- 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.

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 student, in progress.