

Vasile Brînzanescu

Born:

October 11, 1945; Desa, Dolj, Romania

Present position:

Senior Researcher I & Director

Degrees:

- Master, Mathematics, University Bucharest 1968
- Ph.D., Mathematics, University Bucharest 1978

Research interests:

- Algebraic Geometry
- Complex Geometry
- Differential Geometry and Topology
- Vector Bundles over Complex Manifolds

Professional experience:

- Research Fellow, Institute of Mathematics of Romanian Academy, 1968-1975
- Research Fellow, Institute of Automations Bucharest, 1975-1976
- Assistant (Instructor), Technical University Bucharest, 1976-1978
- Assistant Professor, Technical University Bucharest, 1978-1990
- Associate Professor, Technical University Bucharest, 1990-1992
- Senior Researcher II, Institute of Mathematics of Romanian Academy, 1992-1994
- Senior Researcher I & Deputy Director, Institute of Mathematics of Romanian Academy, 1994-2004
- Senior Researcher I & Director, Institute of Mathematics of Romanian Academy, 2004-present

Awards:

- *Simion Stoilow* prize of the Romanian Academy, 1985
- Prize for *excellence in research* of the Romanian Society of Mathematicians, 1996
- Teaching Award of the Ministerium of Education, 1986

Grants: Humboldt stipend:

- München University (Prof. Dr. O. Forster), September 1990-December 1991
- Max-Planck-Institut für Mathematik, Bonn (Prof. Dr. F. Hirzebruch), February-July 1994
- Kaiserslautern University (Prof. Dr. G. Trautmann), January-February 1999

Organizations:

- Romanian Society of Mathematicians
- American Mathematical Society
- International Centre for Theoretical Physics Trieste, Italy (regular associate 1995-2000)

Other professional activities:

- Co-organized an International Conference *Algebraic Geometry and Algebra*, Constanta, September 1996
- Organized the *International Conference of the Institute of Mathematics*, Bucharest, June 1999
- Co-organized a summer school *Algebraic Geometry*, Pitesti, August 2000
- Organized an International workshop *Algebraic Geometry, Commutative Algebra and Topology*, Pitesti-Bucharest, August 17 - September 15, 2001
- Co-organized an International Conference *Algebraic Geometry, Commutative Algebra and Topology*, Constanta, September 2002
- Co-organized *The fifth Congress of Romanian Mathematicians*, Pitesti 2003
- Co-organized an International Conference *Algebra and Algebraic Geometry*, Bulgaria, September 2003
- Co-organized *The sixth Congress of Romanian Mathematicians*, Bucharest 2007
- Organized *The third European General Conference on Financial Mathematics* (European Science Foundation-AMaMeF Programme), Pitesti 2008
- Co-organized an International Conference *Complex Analysis and Geometry*, Bucharest 2008
- Co-organized an International Conference *Algebraic Geometry*, Bucharest 2008
- Co-organized an International Conference *IMAR 60*, Bucharest, June 2009
- Courses taught at *SISSA*, Trieste, Italy, 1995, for doctorands in Geometry (Vector Bundles over Surfaces) and Kaiserslautern University, Germany, 1999
- Courses taught at *Technical University*, Bucharest 1976-1992: *Linear Algebra, Analytic and Differential Geometry, Mathematical Analysis, Differential Equations, Complex Analysis and Operational Calculus, Special Mathematics, Discrete Mathematics and Code Theory, Mathematical Physics Equations, Differential Geometry and Control Systems*
- Courses taught at *University*, Bucharest 1993-2001: *Geometry of Complex Manifolds, Local Algebra, Spectral Riemannian Geometry, Fundaments of Mathematics, Algebra II, Special classes of rings and modules*
- Courses taught at *University*, Pitesti 2000-2001: *Curves and surfaces in space, Differential Geometry, Groups representations, Chapters of complex analysis*
- Courses taught at *SNS*, Bucharest 2003-2005: *Moduli spaces and invariants in geometry, Moduli spaces of vector bundles*

Reviewing & Refereeing activities:

- Frequent refereeing articles for journals
- Reviewing of journal articles for *Mathematical Reviews* and for *Zentralblatt für Mathematik*
- Frequent refereeing of grant proposal: Romanian Academy, Research Ministerium, DAAD stipends, doctoral grants, european grants.

Theses directed and co-directed:

- V. Vuletescu (not formally my PhD student): *Riemannian Submersions and Vector Bundles*, Bucharest University, 1995
- M. Aprodu: *Vector Bundles over Complex Surfaces*, Institute of Mathematics of the Romanian Academy, 1996
- N. Rabanca: *Spectrum of Modules*, Institute of Mathematics of the Romanian Academy, 1999
- M.A. Aprodu (not formally my PhD student): *Harmonic Riemannian Submersions*, Bucharest University, 1999
- R. Slobodeanu: *Harmonic Morphisms and Applications*, Pitesti University, 2006
- N. Dinuta: *Pseudo Harmonic Morphisms*, Pitesti University, 2007
- O. A. Turcu: *Deformations of Generalized Complex Structures*, Institute of Mathematics of the Romanian Academy, 2008
- A. D. Halanay: *Invariants in Geometry-Fourier-Mukai Transform and Moduli Spaces of Vector Bundles*, Institute of Mathematics of the Romanian Academy, 2009
- R. Dinuta: *Geometry of Fiber Bundles-Generalized Complex Structures*, Pitesti University, 2010

Visiting Professor:

- Göttingen University, SFB 170 Geometrie und Analysis, October-December 1992
- International Centre for Theoretical Physics, Trieste, August 1994, March-May 1995, June-August 1997, July-September 1999
- Max-Planck-Institut für Mathematik Bonn, June 1991, February-July 1994, January-June 1996, February-October 2002, August-September 2003, August-September 2007, August-September 2008, July-August 2010
- Institut des Hautes Etudes Scientifiques, Bures-sur-Yvette, February-April 1998
- Edinburgh University, March 1999
- Kaiserslautern University, June 2001, May-July 2005
- Universite de Montreal, CRM, May 2002, May 2004
- Ecole Polytechnique Federale de Lausanne, April 2003, April 2004, May 2006, November 2008
- Bayreuth University, February 2004
- MIT Boston, June 2006
- Ohio State University, Columbus, June 2006
- Genova University, December 2006
- Mittag-Leffler Institute, Stockholm, February 2007
- Universite Paris 6, May 2008

Talks at Mathematical Colloquia:

15 talks at Mathematical Colloquia abroad and 25 talks at Mathematical Colloquia in Romania.

Talks as Invited Professor abroad:

- Humboldt University Berlin: January 1974, November 1985, July 1991, June 2002
- Max-Planck-Institut für Mathematik Bonn: November 1991, May 1994, March 1996, March 2002, October 2002, July 2008
- München University: October 1990, May 1991, November 1991
- Konstanz University: November 1991
- Warsaw University: September 1991

- Bologna University: October 1991, June 1997
- Ferrara University: October 1991
- Göttingen University: November 1992, July 2007
- Köln University: May 1994, June 1994
- Trieste University: April 1995, June 1997, September 1999
- ICTP Trieste: May 1995, August 1997, September 1999
- Ecole Polytechnique Paris: April 1996
- Bochum University: May 1996
- Frankfurt University: May 1996
- ICM Berlin (short communication): August 1998
- Kaiserslautern University: February 1999, June 2001, June 2002, June 2005
- Edinburgh University: March 1999
- Dortmund University: July 2000
- Mc Gill University: May 2002
- Bayreuth University: June 2002, February 2004
- Bonn University: April 2002, July 2009
- Essen University: June 2002
- Marburg University: June 2002
- Oberwolfach Institute: February 2004
- Ohio State University: June 2006
- Genova University: December 2006, January 2010
- Mittag-Leffler Institute: February 2007
- Lille University: March 2007
- Tunis University: February 2009
- Turku University: September 2009
- Nisa University: January 2010

Departmental and University Service:

- Member of the Scientific Council of the Institute of Mathematics, 1975-1978, 1992-present
- Member of the Professoral Council of the Faculty of Automations and Computer Science, 1980-1991
- Member of the *National Comitee for Mathematical Competitions*, 1978-1990
- Deputy Director, Institute of Mathematics of Romanian Academy, 1994-2004
- Director, Institute of Mathematics of the Romanian Academy, 2004-present
- Director of many research projects: CERES, Cex, etc
- Coordinator of the Romanian Subnode in the European Network in Algebraic Geometry (EAGER)
- Member of the Steering Committee AMaMeF (European Science Foundation), 2007-2010
- Member of the Commission 1 CNCSIS, 2003-2008
- Member of the Evaluation Committee of Romanian Academy, 2006-present
- President of the Mathematics Commission of the Ministry of Education and Research, 2004-present