

Curriculum Vitae

Eugen Mihailescu

Current Position:

Scientific Researcher II/Associate Professor, Institute of Mathematics "Simion Stoilow" of the Romanian Academy (**IMAR**).

Email address: Eugen.Mihailescu@imar.ro

Studies:

Doctorate in Mathematics, **University of Michigan**, Ann Arbor, USA, 1995-1999.

PH.D Thesis: "Periodicity and Hyperbolicity for Higher Dimensional Complex Dynamical Systems". Adviser: Professor John Erik Fornæss.

Diploma in Mathematics, **University of Bucharest**, Romania, 1990-1995. Diploma of Merit in Mathematics awarded July 1995.

Fields of Interest:

Dynamical Systems and Smooth Ergodic Theory. Thermodynamical Formalism. Fractal Geometry and Applications. Complex Dynamics.

Academic Employment:

- Associate Professor, 2006-present, Inst. Mathematics Romanian Academy (**IMAR**).
- Visiting Professor, Sept.2002 - Jan.2003, **University of North Texas**, USA.
- Visiting Assistant Professor, 1999-2001, **Texas A&M University**, USA.
- Assistant Professor, 2000-2006, **IMAR**.
- Research and Teaching Assistant 1995-1999, **University of Michigan**, USA.
- Researcher, 1995-2000, **IMAR**.

Visiting Positions:

- Visiting Professor, **Institut des Hautes Études Scientifiques (IHÉS)**, Paris, France, Nov-Dec 2013 and Aug-Sep 2014.
- Visiting Professor, Department of Mathematics, **University of Bremen**, Germany, March-May 2012.
- Visiting Professor, **Max Planck Institut für Mathematik**, Bonn, Germany, May 2011.

- Visiting Professor, "Hyperbolic Dynamics" Program, **Erwin Schrödinger Mathematical Institute**, Vienna, Austria, June 2008.
- Visiting Professor, **Instituto de Matemática Pura e Aplicada (IMPA)**, Rio de Janeiro, Brazil, February 2008.
- Visiting Professor, **University of North Texas**, USA, Febr.-March 2007.
- Visiting Professor, **Université Paris 6**, France, 1 week in Oct. 2006.
- Visiting Professor, **University of North Texas**, USA, approx. 1 month in 2005.
- Visiting Professor, **Univ. of Pisa-Centro de Giorgi**, Pisa, Italy, 1 week in Nov. 2004.
- Visiting Professor, **MSRI, Berkeley**, USA, 1 week in Sept. 2004.
- Visiting Professor, **Univ. of North Texas**, USA, 3 weeks in Sept. 2004.
- Visiting Professor, **Institute of Mathematics of the Polish Academy (IMPAN)**, Warsaw, April 2004.
- Visiting Professor, **Scuola Normale Superiore**, Pisa, Italy, April 2002.

Grants/Fellowships/Awards:

- Project Leader/ Principal Investigator, Romanian Research Council (CNCSIS), PN II Idei Project "Numerical invariants and geometric properties for classes of dynamical systems", in 2009-2011. In this grant, Eugen Mihailescu has directed a 4-person research team at IMAR.
- Prizes of Romanian Authority for Scientific Research for papers published in 2012, 2011, 2010, 2008.
- Prize "Simion Stoilow" of the Romanian Academy, December 2007.
- Research Fellowship within an NSF grant in Dynamical Systems, at Univ. of North Texas, 2007.
- Co-organizer of the Program of Scientific Exchange between the Romanian Academy and the Polish Academy, "Holomorphic Dynamics and Ergodic Theory", 2004-2005.
Research visit at the Institute of Mathematics of the Polish Academy (IMPAN), Warsaw, Apr. 2004.
- Grant Director, Complex dynamics and metric properties of fractals, from CNCSIS (Romania), 2004-2005.
- Rackham Research Fellowship, Univ. of Michigan, Ann Arbor, 1999.
- Doctoral Assistantship, University of Michigan, Ann Arbor, 1995 - 1998.
- National Merit Student Fellowships, University of Bucharest, 1991-1995.

Citations in ISI journals:

At the moment (Aug. 2013), I have over 27 citations of my papers (**without self-citations**), most of which being in ISI journals.

The citations include some from journals such as:

Annales Scientifiques de l'École Normale Supérieure (Relative Influence Score ISI 4,04);

Advances in Mathematics (Relative Influence Score ISI 2,85);

Ergodic Theory and Dynamical Systems (Relative Influence Score 1,89);

Michigan J. Math (Relative Influence Score 1,32);

International J. Nonlinear Sci and Numerical Sim (1,95), etc.

Lecture Notes in Math (0,94);

Pacific J. Math (1,15)

Nonlinear Analysis: Th, Methods, Appl. (0,87), etc.

All the citations are detailed in the attached Report of Activity.

Invited Talks in Conferences and Scientific Seminars:

- Hyperbolicity and Dimension, CIRM Luminy, France, Dec. 2013.
- Workshop 85-th birthday of Prof. Căbiria Andreian-Căzacu, Univ. Bucharest, Febr 2013.
- Smooth Ergodic Theory Conference, Mathematical Center of IMPAN, Bedlewo, Poland, April 2012.
- XI-ème Colloque Franco-Roumain de Mathématiques Appliquées, Workshop Exploratoire: Équations aux Dérivées Partielles et Applications, Bucarest, Aug. 2012.
- Colloquium Department of Mathematics, Univ. of Bremen, Germany, May 2012.
- Dynamical Systems Seminar, University of Bremen, Germany, May 2012.
- Thermodynamical Formalism, Geometry and Stochastics Conference, Mathematisches Forschungsinstitut Oberwolfach, Germany, Jan. 2012.
- Complex Dynamics Seminar, University of Michigan, Ann Arbor, USA, Sept. 2011.
- AIMS International Conference on Dynamical Systems and Differential Equations, Hyperbolic Dynamics Session, Dresden, Germany, May 2010.
- Dynamical Systems Session, First Pacific Rim Mathematical Congress, Sydney, Australia, July 2009.
- Dynamical Systems II Conference, University of North Texas, Denton, USA, May 2009.
- Instituto de Matematica Pura e Aplicada (IMPA), Rio de Janeiro, Brazil, Febr. 2008.
- Workshop on Recent Trends in Complex Analysis and Related Topics, and the 11-th Romanian-Finnish Seminar, Alba-Iulia, Romania, Aug. 2008.

- University of North Texas, Denton, USA in 2007.
- Univ. Paris Sud, Orsay, France in 2006.
- Dynamics Conference, Göttingen Universität, Germany, Dec. 2006.
- University of North Texas, USA in 2005.
- Millican Colloquium, University of North Texas, Denton, USA, Oct. 2004.
- Institute of Mathematics of the Polish Academy (IMPAN), April 2004.
- University of Warsaw, Poland in 2004.
- University of Pisa, Italy in 2004.
- International Conference on Dynamical Systems, University of North Texas, Denton, USA, May 2003.
- Analysis Seminar, Texas A&M University, College Station, USA in 2001.
- Conformal Dynamics Conference, Göttingen Universität, Germany in 2001.
- AMS Annual Meeting, Complex Dynamics Section, Washington DC, USA, Jan. 2001.
- Conference on Holomorphic Dynamics in Several Variables, Scuola Normale Superiore, Pisa, Italy, April 1999.
- Midwest Several Complex Variables Conference, Indiana University, Bloomington, USA, Feb. 1999.
- Dynamics Seminar, University of Michigan, Ann Arbor, USA in 1998.

Editorial/Other Service.

- Editorial Board Member, **Discrete and Continuous Dynamical Systems-series S**, USA (ISI indexed journal).
- Member of **Global Organizing Committee**, and Co-organizer of the "**Hyperbolic Dynamics and Smooth Ergodic Theory**" Section, 8-th AIMS International Conference on Dynamical Systems and Differential Equations, Dresden, Germany, May 2010.
- Grant Evaluation for Romanian Research Council.
- Referee for many international mathematical journals.
- Reviewer Zentralblatt für Mathematik, since 2010.
- Adviser for the Master's theses of 3 graduate students at Normal Superior School of Bucharest, in the period 2008-2011.
- On doctoral committee of several PH.D students at IMAR.

- Adviser for 3 teaching assistants, at Texas A & M Univ., USA, 2000-2001.

Some Courses Taught.

- Analysis on Fractals, Normal Superior School of Bucharest (SNSB), Master course, 2009-2010.
- Differentiable Dynamics, SNSB, Master course, 2008-2009.
- Topology and Dynamics for Hyperbolic Maps, SNSB, Master course, 2007-2008.
- Ergodic Theory with Applications to Dynamics, SNSB, Master course, 2006-2007
- Introduction to Dynamical Systems, SNSB, 2005-2006.
- Introduction to Probability, Univ. of North Texas, USA, 2002-2003.
- Analysis and Differential Equations, Politechnica University, Bucharest, 2001-2002.
- Differential Equations, Texas A&M Univ., USA, 2000-2001.
- Analysis I and II, University of Michigan, USA, 1995-1998.
- Linear Algebra, University of Michigan, USA, 1995-1998.
- Real Analysis, University of South Carolina, USA, 1994-1995.

Other Research Visits/Conference Talks.

- Workshop Ovidius University of Constanta, Romania, May 2013.
- Institut Henri Poincaré, France, June 2011.
- 7-th International Congress of Romanian Mathematicians, Brasov, Romania, June 2011.
- City University of New York, USA, June 2010.
- Centro de Giorgi - Univ. Pisa, Italy, Nov. 2004.
- Institut Henri Poincaré, Paris, France, June 2003.
- Texas A&M Univ., College Station, USA, in 1999 and 2000.
- International Congress on Dynamical Systems, Rio de Janeiro, Brazil, July 2000.
- AMS Annual Meeting, San Antonio, TX, USA, Jan. 1999.