CURRICULUM VITAE

RADU PRECUP

Professor, Babeş–Bolyai University of Cluj-Napoca
Faculty of Mathematics and Computer Science
Department of Mathematics

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DATE AND PLACE OF BIRTH

March 1, 1955, Pesac (Timiş), Romania

EDUCATION

•1975-1980, Faculty of Mathematics, Babeş–Bolyai University, Cluj-Napoca
•1985, Ph.D. Babeş–Bolyai University, Cluj-Napoca
•1990-1991 (9 months), Postdoctoral stage, Bourse du Gouvernement Français (BGF), University of Paris VI

SPECIALITY

Nonlinear analysis, Ordinary differential equations, Partial differential equations

ACADEMIC POSITIONS

•1987–1990, Assistant, Babeş–Bolyai University
•1990–1994, Lecturer, Babeş–Bolyai University
•1994–1998, Associate Professor, Babeş–Bolyai University
•1998– present, Professor, Babeş–Bolyai University
•Visiting professor for short periods: University of Metz (2002, 2005, 2014, 2016, 2018), University of Perugia (2014, 2016, 2019), University of Torun (2013), University of Sfax (2013), University of Ruse (2015).

CONFERENCES

• NATO Advanced Study Institute, 33rd session: Topological Methods in Differential Equations and Inclusions, July 11-22, 1994, Montreal, Canada (special talk);
• International Congress of Mathematicians, August 3-11, 1994, Zürich, Switzerland;
• Second World Congress of Nonlinear Analysts, July 10-17, 1996, Athens, Greece (invited talk);
• 4ème Colloque franco-roumain, 31 août-4 septembre, 1998, Metz, France (plenary invited talk);

• 3rd Hungarian-Romanian Joint Conference on Mathematics and Computer Science, June 6-12, 1999, Visegrád, Hungary;
• Third World Congress of Nonlinear Analysts, July 19-26, 2000, Catania, Italy (invited talk);
• 5ème Colloque franco-roumain, 28 août-1er septembre, 2000, Constanţa;
• International Conference on Nonlinear Operators, Differential Equations and Applications, September 12-15, 2001, Cluj-Napoca;
• 5th Hungarian-Romanian Joint Conference on Mathematics and Computer Science, June 9-12, 2004, Debrecen, Hungary;
• International Conference on Nonlinear Operators, Differential Equations and Applications, August 24-27, 2004, Cluj–Napoca;
• 7ème Colloque franco-roumain, 30 août-3 septembre, 2004, Craiova (plenary invited lecture);
• International Conference on Mathematical Analysis and Applications, September 23-24, 2005, Craiova (invited talk);
• International Conference on Nonlinear Operators, Differential Equations and Applications, July 4-8, 2007, Cluj-Napoca;
• 7th Hungarian-Romanian Joint Conf. Math. Comput. Sc., July 3-6, 2008, Cluj-Napoca (plenary invited lecture);
• International Conference on Boundary Value Problems, September 16-19, 2008, Santiago de Compostela, Spain (invited talk);
• Romanian-German Symposium on Mathematics and Its Applications, May 14-17, 2009, Sibiu;
• 10ème Colloque Franco-Roumain de Mathématiques Appliquées, 26-31 août, 2010, Poitiers, France;
• International Conference on Nonlinear Operators, Differential Equations and Applications, July 5-8, 2011, Cluj-Napoca;
• International Conference on Fixed Point Theory and Its Applications (ICFPTA-2012), July 9-15, 2012, Cluj-Napoca;
• Summer School "Analytical and Computer Assisted Methods in Mathematical Models", September 9-23, 2012, Freudenstadt, Germany (lectures);
• International Workshop on Fixed Point Theory and Applications, October 11-13, 2012, Istanbul, Turkey;
• Workshop: Positive Solutions to Differential Equations, May 6-10, 2013, Torun, Poland (invited talks);
• Academic Days of Timisoara, Workshop on Geometry and PDEs, May 23-24, 2013, Timisoara;
• Faculty of Science, University of Sfax, June 19-26, 2013, Sfax, Tunisia;
• Anatolian Communications in Nonlinear Analysis, July 3-6, 2013, Bolu, Turkey (invited talk);
• Summer School "Analytical and Computer Assisted Methods in Mathematical Models", September 1-15, 2013, Hojduszoboszlo, Hungary (lectures);
• Dipartimento di Matematica e Informatica, Universita degli Studi di Perugia, February 12, 2014 Perugia, Italy;
• Workshop: Lectures in Nonlinear Analysis and Differential Equations, March 24-28, 2014, Cosenza, Italy (invited lectures);
• Workshop in Geometry and PDEs, June 6-7, 2014, Timisoara (invited talk);
• Minisymposium on Fixed Point Theory and Applications, June 1-7, 2014, Baia-Mare (invited talk);
• Workshop in Geometry and PDEs, May 29-31, 2015, Timisoara (invited talk);
• The Eighth Congress of Romanian Mathematicians, June 26-July 1, 2015, Iasi;
• International Conference on Nonlinear Operators, Differential Equations and Applications, July 14-17, 2015, Cluj-Napoca;

• Symposium on Nolinear Analysis SNA2015, September 14-18, 2015, Torun, Poland (invited talk);
• Scientific Conference UR & US'15, October 9-10, 2015, Ruse, Bulgaria (invited talk);
• Workshop in Geometry and PDEs, June 10-11, 2016, Timisoara (keynote speaker).
• Workshop of Geometry and PDEs, June 13-14, 2017, Timisoara (keynote speaker);
• Scientific Conference UR & US'16, October, 2017, Ruse, Bulgaria (invited talk);
• International Symposium "Research and Education in an Innovation Era", May 17-20, 2018, Arad (invited speaker);
• International Conference on Mathematics and Computer Science, June 14-16, 2018, Brasov;
• International Conference on Nonlinear Analysis and Boundary Value Problems, September 4-7, 2018, Santiago de Compostela, Spain (main speaker);
• Workshop of Geometry and PDEs, October 12-13, 2018, Timisoara.

EDITORIAL ACTIVITY

• *Studia Universitatis Babeş-Bolyai Mathematica* (Cluj), Editor-in-Chief;
• *Fixed Point Theory* (Cluj), Deputy Editor-in-Chief;
• *Annals of the Tiberiu Popoviciu Seminar* (Cluj), Editor of Series B: Mathematical Interdisciplinary Research;
• *Journal of Inequalities and Applications* (Springer), Associate Editor;
• *Carpathian Journal of Mathematics* (Baia Mare), Member of the Editorial Board;
• *Mathematics in Engineering, Science and Aerospace* (USA), Member of the Board;
• *Transylvanian Journal of Mathematics and Mechanics* (Romania), Member of the Board;
• *Discussiones Mathematicae Differential Inclusions, Control and Optimization* (Poland), Member of the Editorial Board.;
• *Journal of Inequalities and Special Functions* (Poland), Member of the Editorial Board.;
• *Mathematica* (Cluj), Member of the Editorial Board.;
• *Proceedings of the Romanian Academy- Series A*, Member of the Editorial Board.

ORGANIZER

•International Conference on Nonlinear Operators, Differential Equations and Applications ICNODEA-Cluj, 2001, 2004, 2007, 2011 and 2015.
•Mini-symposium "Analyse non-linéaire", 8ième Colloque Franco-Roumain de Mathématiques Appliquées, Chambéry (France), 28 août-1er septembre 2006.
•Workshop (Babeş-Bolyai University - University Paris Sud), Méthodes variationnelles en micromagnétisme, Cluj-Napoca, 2008.
•Special session SS7: Methods of Nonlinear Analysis for Partial Differential Equations, IC-NPAA Congress: Mathematical Problems in Engineering, Aerospace and Sciences, Sao Jose dos Campos, Brazilia, 2010.
•Workshop on Nonlinear Analysis on the Occasion of the 65th Birthday of Patrizia Pucci, Cluj-Napoca, May 25-27, 2017.

AWARDS

• Prizes of Babeş-Bolyai University: 2001 (for book); 2002, 2009, 2010, 2016 (research);
• Prizes of the Faculty of Mathematics and Computer Science, Cluj-Napoca: 2012 (didactic); 2015 (research)
• Crystal Prize "The Best Paper"-University of Ruse 2015.

ADMINISTRATION

•Chairman of Chair of Differential Equations of Babeş-Bolyai University of Cluj (2003-2008)
•Director Department of Applied Mathematics of Babeş-Bolyai University of Cluj (2003-2008)
•Director Department of Mathematics of Babeş-Bolyai University of Cluj (2008-2012)
•Director Doctoral School of Mathematics and Computer Science of Babeş-Bolyai University of Cluj (2012-2015)
•Member of Mathematics Committee of CNATDCU (2006-2012)
•Member of the Senate of Babeş-Bolyai University of Cluj (2012-2016)
•Member of the Scientific Council of Babeş-Bolyai University (2017- )

BOOKS AND MONOGRAPHS

1. *Methods in Nonlinear Integral Equations*, Kluwer Academic Publishers, 2002, 232 pp; Softcover reprint of the original 1st ed. 2002, Springer Netherlands, 2013.

2. *Theorems of Leray-Schauder Type and Applications* (with D. O'Regan), Gordon and Breach Science Publishers, Amsterdam, 2001, 216 pp.

3. *Linear and Semilinear Partial Differential Equations,* De Gruyter, Berlin, 2013, 294 pp.

4. *Ordinary Differential Equations*, De Gruyter, Berlin, 2018, 234 pp.

5. *Ecuaţii cu derivate parţiale*, Transilvania Press, Cluj, 1997, 216 pp.

6. *Lecţii de ecuaţii cu derivate parţiale*, Cluj University Press, Cluj, 2004, 286 pp.

7. *Ecuaţii diferenţiale*, Risoprint, Cluj, 2011, 189 pp.

SCIENTIFIC ARTICLES

More than 160 papers in journals and volumes.
Citations: 1847 (Google Scholar).
h-index: 19, i10-index 52 (Google Scholar); h-index 13 (Scopus); h-index 13 (Web of Science).