

CURRICULUM VITAE

FIRST NAME: IOAN
LAST NAME: BUCATARU
YEAR OF BIRTH: [REDACTED]
NATIONALITY: Romanian

WORK ADDRESS

Alexandru Ioan Cuza University, Faculty of Mathematics,
B-dul Carol I, No 11, Iasi, 700506, Romania

LANGUAGES: English (advanced), French (intermediate)

EDUCATION AND DEGREES:

1. Habilitation Degree: Ministry of National Education, Romania. Thesis title: Geometric structures for differential equations fields (public defence May 24, 2013).
2. Doctoral Degree: Alexandru Ioan Cuza University, Faculty of Mathematics (April 1995 - March 1998), Thesis advisor: Acad. Prof. Dr. Radu Miron, thesis title: Prolongation of Riemannian, Finslerian and Lagrangian structures to higher order structures.
3. Master's degree: Alexandru Ioan Cuza University, Faculty of Mathematics (September 1995 - September 1996), graduation mark 10 (out of 10).
4. Bachelor's degree: Alexandru Ioan Cuza University Iasi, Faculty of Mathematics (July 1989 - June 1994), Type of Diploma Awarded: Licence Examination, graduation mark 9,92 (out of 10)

ACADEMIC AND PROFESSIONAL EXPERIENCE:

1. October 2013 – present: Professor, Faculty of Mathematics, Alexandru Ioan Cuza University, Iasi, Romania.
2. March 2006 – September 2013: Associate Professor, Faculty of Mathematics, Alexandru Ioan Cuza University, Iasi, Romania.
3. September - December, 2003-2007: Visiting Professor, Department of Earth Sciences, Memorial University, St. John's, NL, Canada, within the Memorandum of Agreement between Alexandru Ioan Cuza University and Memorial University.
4. October 1, 1998 – February 2006: Assistant Professor, Department of Geometry, Faculty of Mathematics, Alexandru Ioan Cuza University, Iasi, Romania.

5. October 1, 1997 – August 31, 2003: Researcher, Institute of Mathematics “Octav Mayer”, Iasi Branch of the Romanian Academy, Iasi, Romania.
6. September 1, 2002 – April 30, 2003: Sessional lecturer, Memorial University, Department of Mathematics, St. John’s, (fall session and winter session).
7. September 1, 2001 – February 28, 2002: Research associate, Department of Mechanical and Manufacturing Engineering, University of Calgary, Alberta. Collaborator: Prof. Dr. Marcelo Epstein.
8. January 1 – December 31, 2000: Sessional lecturer, University of Alberta, Department of Mathematical Sciences, Edmonton, Canada (Winter session, Spring session, and Fall session 2000).
9. September 1994 - September 1997: Assistant researcher at the “Octav Mayer” Institute of Mathematics, Iasi Branch of the Romanian Academy.

FELLOWSHIPS AND AWARDS OBTAINED BY COMPETITION:

1. 2005: The Prize “Gheorghe Titeica”, awarded by the Romanian Academy of Science.
2. 2004: The Prize “In Hoc Signo Vinces” with the distinction “Magna cum Laudae”, for Mathematics and Natural Sciences, awarded by National University Research Council, Ministry of National Education Romania.
3. September 1, 2002 – August 31, 2003: Postdoctoral Fellowship, Department of Earth Sciences, Memorial University, St. John’s, Newfoundland, Canada. Collaborator: Prof. Dr. Michael A. Slawinski, Petro-Canada Chair in Applied Seismology, Director of Geomechanics Project.
4. September 1, 2000 – December 31, 2000: Postdoctoral fellowship, University of Alberta, Department of Mathematical Sciences, Edmonton, Canada. Collaborator: Prof. Dr. Peter L. Antonelli.
5. September 1, 1999 – August 31, 2000: PIMS (Pacific Institute for Mathematical Sciences) Postdoctoral fellowship, University of Alberta, Department of Mathematical Sciences, Edmonton, Canada. Collaborator: Prof. Dr. Peter L. Antonelli.

RESEARCH GRANTS OBTAINED BY COMPETITION FROM CNCISIS (NATIONAL UNIVERSITY RESEARCH COUNCIL, ROMANIA) (PROJECT LEADER):

1. Bilateral cooperation project, 2013-2014, 6172/2013, Curvature type invariants for connectedness and metrizability problems in Finsler geometry. Applications to optimal control (total value 31400 Ron).
2. PN II IDEI 2007-2010, 1/28.09.2007, cod ID 398, Geometric and topological invariants associated to some geometrical structures on manifolds (total value 584369 Ron).

3. CEFX ET 3174/2005-2007, cod 50, Finsler-Lagrange Geometry. Applications to dynamical systems (total value 60000 Ron).
4. CNCSIS AT 33373/2004-2005, cod CNCSIS 69, The geometry of group actions and physical applications of symmetries in continuum mechanics, higher order differential equations and field theory (total value 15000 Ron).

Administrative duties:

1. 2016 - present: Head of the Department of Mathematics, Faculty of Mathematics.
2. 2012 - present: member of the Senate, Alexandru Ioan Cuza University.
3. 2012 - present: member of the Faculty Council.
4. 2012 - present: member of the Department of Mathematics Council.
5. 2012 - present: member of the Methodical Council.

Ph.D. students:

Georgeta Crețu, Projective deformations for Finsler spaces, October 2015 – December 2019.

Dan Gregorian Fodor, Algebraic and geometric conditions for various properties of the curvature tensor, October 2015 – June 2020.

RESEARCH INTEREST: geometry of differential equations on manifolds, Finsler and Lagrange geometry, KCC (Kosambi-Cartan-Chern) theory.

SCIENTOMETRIC INDICATORS: 49 ISI papers, Hirsch index: 13, citations more than 500 (300 for ISI papers, 200 for books, chapters in books and non-ISI papers)

<http://www.researcherid.com/rid/C-3144-2008>

<http://orcid.org/0000-0002-8506-7567>

https://www.researchgate.net/profile/Ioan_Bucataru

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Prof. Dr. Ioan Bucataru