

CURRICULUM VITAE ET STUDIORUM

Personal Data

Full Name: Marian-Ioan Munteanu

Date and place of birth: September 11, 1973, Vaslui, Romania

Nationality: Romanian

Address: University *Al.I. Cuza* of Iasi, Faculty of Mathematics, Bd. Carol I, no. 11, Iasi, 700506.

E-mail: munteanu @ uaic.ro , marian.ioan.munteanu @ gmail.com

Web page : <http://www.math.uaic.ro/~munteanu>

Educational Background

- Habilitation thesis:** *Recent developments on magnetic curves in (pseudo-) Riemannian manifolds*
Date of defense: May 20, 2015; (O.M. nr. 4118/11.08.2015)
Member of the doctoral school in Mathematics, University *Al. I. Cuza* of Iasi
(Hotararea Senatului Univ. n.5/24.09.2015)
- Ph.D. in Differential geometry**, supervisor Prof. dr.V.Oproiu, University *Al.I.Cuza* of Iasi, Romania
Title of the thesis: *Geometric Invariants Associated to Pseudoconvex CR-structures* (in Romanian)
Date of defense: June 7, 2003
- Master Degree:** University *Al.I.Cuza* of Iasi (September 1996 - September 1997)
- Bachelor Degree:** University *Al.I.Cuza* of Iasi, Faculty of Mathematics (October 1991 - June 1996)
- Secondary Education:** The high school *M.Kogalniceanu* (Vaslui), (September 1987 - June 1991)

Professional Experience

- February 2008 – so far: Associate Professor at the Section of Geometry, Faculty of Mathematics, University *Al.I.Cuza* of Iasi
- October 2003 – February 2008: Lecturer at the Section of Geometry, Faculty of Mathematics, University *Al.I.Cuza* of Iasi
- February 1997 – October 2003: Teaching Assistant at the Department of Geometry, Faculty of Mathematics, University *Al.I.Cuza* of Iasi
- September 1996 - February 1997: teacher at the high school *Radu Cernatescu* of Iasi
- October 1999 - May 2012: ERASMUS coordinator, Faculty of Mathematics, University *Al.I.Cuza* of Iasi

Awards

2013: Romanian Academy:

Gheorghe Tzitzeica Prize: *The geometry of surfaces in homogeneous spaces of dimension 3.*

2012: European Congress of Mathematics:

The best research poster award: *The classification of Killing magnetic curves in $M^2(c) \times \mathbb{R}$.*

2011: US Embassy:

Fulbright Senior Researcher at Michigan State University (February – July, 2011).

RESEARCH EXPERIENCE

Publications

- 43 papers published in ISI WoS journals
- (more than) 20 papers published in other BDI journals

Orcid: <http://orcid.org/0000-0002-3509-8330>

ResearcherID: <http://www.researcherid.com/rid/C-5934-2011>

Citations

- ISI Web of Science: 241 citations, h-index 9;
- Scopus: 239 citations;
- MathSciNet: 230 citations;
- Scholar Academics: 610 citations.

Member in Ph.D. juries

1. Lecce, Italy 2015 - Antonella Perrone
2. Timisoara, Romania 2011 - Mihail Gaiianu
3. Bari, Italy 2010 - Vincenzo Saltarelli
4. Iasi, Romania 2009 - Simona Luiza Druta

Invited speaker

- June 24 – 25, 2015, Bari, Italy, conference: *Geometric Structures on Riemannian manifolds*.
- September 3 – 8, 2012, Zlatibor, Serbia, *17th Geometrical Seminar*.
- June 13 – 16, 2012, Burhaniye, Balikesir, Turkey, *X Geometric Symposium*.
- September 2 – 4, 2009, Iasi, Romania, *Workshop on Differential Geometry and Its Applications*.
- March 24 – 26, 2009, Luxembourg, *Workshop on CR and Sasakian Geometry*.

Other participations (selected)

✓ September 3 – 5, 2014, Istanbul, Turkey, *International workshop on Finite Type Submanifolds*.

✓ August 13 – 21, 2014, Seoul, Korea, *27th International Congress of Mathematicians*.

August 10 – 12, 2014, Daejeon, Korea, conference *Real and Complex Submanifolds*, satellite of ICM.

✓ May 25 – 28, 2014, Vrnjacka Banja, Serbia, *18th Geometrical Seminar*.

October 27 – November 1, 2013, Merida, Yucatan, Mexico, *46th National Congress of the Mexican Mathematical Society*.

✓ July 21 – August 2, 2013, IMPA, Rio de Janeiro, Brazil, *29th Brazilian Colloquium of Mathematics*.

* August 27 – 30, 2012, Leuven, Belgium, Conference PADGE: *Pure and Applied Differential Geometry*.

✓ July 2 – 7, 2012, Krakow, Poland, *6th European Congress of Mathematics*.

* September 19 – 26, 2011, Golden Sands, Bulgaria, *Geometric Structures in Mathematical Physics*.

* April 6 – 10, 2011, Fayetteville, Arkansas, USA, *36th Spring Lectures Series: Conformal geometry and Interactions with Representation Theory*.

* September 20 – 25, 2010, Vrnjacka Banja, Serbia, *16th Geometrical Seminar*.

✓ August 27 – 31, 2010, Brno, Czech Republic, *the 11th conference on Diff. Geometry and Its Applications*.

June 21 – 26, 2010, Iasi, Romania, *Al. Myller Mathematical Seminar Centennial Conference*.

✓ September 7 – 10, 2009, Cagliari, Italy, *A Harmonic Map Fest* (in honour of J.C. Wood).

* June 5 – 10, 2009, Varna, Bulgaria, *the 11th international conference on Geometry, Integrability and Quantization* (40 minute talk).

✓ July 7 – 11, 2008, Santiago de Compostela, Spain, *VIII International Colloquium on Differential Geometry* (E. Vidal Abascal centennial Congress), satellite of the 5th European Congress of Mathematics.

August 27 – 31, 2007, Paris, France, *Conference on Differential Geometry, Mathematical Physics, Mathematics and Society*, in honour of J.P. Bourguignon.

* July 3 – 7, 2007, Valenciennes, France, *Simposium on the Differential Geometry of Submanifolds*.

* April 9 – 13, 2007, Brussels, Belgium, *Pure and Applied Differential Geometry*, PADGE 2007.

✓ February 5 – 8, 2007, Santiago de Compostela, Spain, *IV Meeting on Lorentzian Geometry*.

* – communication ✓ – poster

Research Grants

Director (PI)

1. CNCS-UEFISCDI (Romania) PN-II-RU-TE-2011-3-0017 / 2011-2014

Title: *New developments on submanifolds of special type in (pseudo)-Riemannian manifolds. Examples and interactions with physical phenomena*

2. CEEEX ET (Romania) 5883/2006-2008

Title: *New aspects on quaternionic structures on differentiable manifolds and their submanifolds; applications*

3. CNCSIS AT (Romania) GR 214/2006

Title: *Applications of group theory in the study of some remarkable geometric structures on differentiable manifolds; representation and geometric modelling*

Member (most recent)

1. PN-II ID_398/2007-2010 (Romania)

Title: *Geometric and topologic invariants associated to some geometric structures on manifolds. Applications*

Director: Prof. I. Bucataru, University *Al.I. Cuza* of Iasi, Romania

2. CEEEX ET 69/5871/2006-2008 (Romania)

Title: *f-structures on differentiable manifolds and biharmonicity properties*

Director: Prof. C. Oniciuc, University *Al.I. Cuza* of Iasi, Romania

3. CNCSIS A (Romania) 1463/2005

Title: *New geometric structures on Riemannian manifolds*

Director: Prof. V. Oproiu, University *Al.I. Cuza* of Iasi, Romania

4. Programme of scientific and technological cooperation between Italy and Romania 2006-2008

Title: *Reaction diffusion equations, theory, numerical methods and related optimal control problems*

Directors: Prof. V. Capasso (University of Milan, Italy);

Prof. S. Anita (University *Al.I. Cuza* of Iasi, Romania)

Travel Grants (Occasional Lecture Funds awarded in US)

1. April 20 – 24, 2011: University of Oklahoma, Norman, OK, USA

2. May 4 – 8, 2011: Universidad Metropolitana, San Juan, PR, USA

3. June 27 – 29, 2011: College of Mountain Saint Vincent, Riverdale, NY, USA

Fellowships

June – December, 2005, Rome, Italy, CNR-NATO, Advanced postdoctoral fellowship
February – May, 2005, Leuven, Belgium, postdoctoral fellowship
June – November, 2002, Potenza, Italy, CNR-NATO doctoral fellowship
February – July, 1999, Cagliari, Italy, Socrates-Erasmus doctoral fellowship
April – June, 1997, Munchen, Germany, TEMPUS fellowship for preparing the Dissertation

Schools of Mathematics

August 11-15, 2008, Jyväskylä, Finland, Summer School in (sub)-Riemannian Geometry
August 15-28, 2004, Cortona, Italy, Summer School in Differential Geometry
August 18-28, 2003, Cluj-Napoca, Romania, C.I.M.P.A. Summer School of
Algebraic Topology and Group Theory
June 30 - July 7, 2002, Martina Franca, Italy, C.I.M.E.
Course: Real Methods in Complex and CR Geometry
June 28 - July 11, 1998, Cortona, Italy, Summer School in Differential Geometry
July 14-23, 1997, Bucharest, Romania, Summer School in Convex Geometry
July 28 - August 31, 1996, Perugia, Italy, the Summer Course in Mathematics
May 1995- Sinaia, Romania, Spring School of Geometry (organized by France Embassy)

TEACHING and ADVISING

Lectures and Classes activities

- Courses (University *Al. I. Cuza* of Iasi):
 - Bachelor: *Differential Geometry, Computational Geometry, Computer Graphics* (name had changed several times)
 - Master: *Measures in Geometry, Advances in Computer Graphics*
- Course (Universita del Salento, Lecce – 2014):
 - Doctoral: *Submanifolds in semi-Riemannian manifolds*
- Exercises and laboratories (selection): Analytic Geometry, Computational Geometry, Differential Geometry, Programming C++, Measures in Geometry, Advances in Computer Graphics, Euclidean Geometry.

Supervision of students

- 21 Bachelor students
- 15 Master students
- 1 Post-doc researcher (dr. Simona Luiza Druta)
- Leader of the A.I.I.Cuza University Team at 4th SEEMOUS (South Eastern Europe Mathematical Olympiad for University Students): February 8 – 13, 2010.

Collaboration with high-school education

- Supervision of 7 high-school teachers;
- Member in committee of several competitions for high-school students;
- Continuing professional education courses for high-school teachers organized by the Faculty of Mathematics.

OTHER PROFESSIONAL ACTIVITIES

- Referee for more than 20 scientific journals (An. Mat. Polonici, J. Ineq. Appl., Bull. Korean Math. Soc., J. Geom. Phys.; J. Math. Phys.; Math. Nachr.; Meditter. Math. J.; Note di Matematica; Taiwanese J. Math.; Tsukuba J. Math.)
- Reviewer Zbl. Math and Math. Reviews
- Member AMS
- Member in Editorial Board for the journals: Transnational Journal of Mathematical Analysis and Applications and American Journal of Applied Mathematics.

Language skills

- Romanian – native language
- English – reading C1, listening C1, speaking C1, writing C1 (cf. certificate 2014)
- Italian – reading C1, listening C1, speaking C1, writing C1 (my own evaluation)

Assoc Prof. Marian Ioan Munteanu

May 2016