

CURRICULUM VITAE

I. Personal data

Name: Ildikó-Ilona Mezei

Date and place of birth: 25 July 1976, Cristuru-Secuiesc

Marital status: married, 3 childrens (2003, 2005, 2013)

Affiliation: Lecturer at Babeş-Bolyai University, Cluj-Napoca,
Faculty of Mathematics and Computer Sciences

II. Education

- 1) (1998) – **B.A.** : "Babeş-Bolyai" University, Faculty of Mathematics - Cluj-Napoca, Romania
- 2) (1999) – **M.S.**: "Babeş-Bolyai" University, Faculty of Mathematics - Commutative Algebra, Cluj-Napoca,
- 3) (2001) - **B.A.** : "Babeş-Bolyai" University, Faculty of Computer Sciences - Cluj-Napoca, Romania
- 4) (2008) -**Ph.D.** : "Nonlinear methods in the study of hemivariational inequalities and elliptic problems",
- "Babeş-Bolyai" University, Faculty of Mathematics - Cluj-Napoca, Romania
- Adviser: Prof. dr. Varga Csaba

III. Didactical activities

Courses:

1. Analytic geometry
2. Curves and surfaces
3. Affine geometry
4. Computational geometry
5. Classical theorems in elementary geometry
6. Mathematical Analysis (for Chemistry students)

Seminars:

7. Geometry of differential manifolds
8. Complements of geometry

IV. Participation in programs supported from national sources

- Member in the project: „*Symmetries in elliptic problems: euclidean versus non-euclidean techniques*”, Grant CNCSIS, PN-II-ID-PCE-2011-03-241, 2011-present
- Member in the project: "*Application of Recent Variational Methods to the Study of Nonlinear Elliptic PDE's and Optimisation Problems*", Grant CNCSIS, PN.II_527, 2007-2010
- Member in the project: "*Critical Points and Lusternic-Schnirelmann categories. Variational Problems*", Grant CNCSIS, Nr. 48 (1467)/2007
- Member in the project: "*Researches in geometry and global analysis. Methods and applications*", Grant CNCSIS, Nr. 179, 2001

V. Conferences and research seminars

- *International Conference in Geometry and Topology on the Occasion of two Centenaries Anniversary of János Bolyai*, Cluj-Napoca, 1-5 October 2002
- *Summer school "Critic Point Theory and Applications"*, 9-13 July 2007
- *MACS-7th Joint Conference on Mathematics and Computer Science*, Cluj-Napoca, 3-6 July 2008
- *Non-Euclidean geometry and its applications, 7th Bolyai-Gauss-Lobachevskiy Conference*, Cluj-Napoca, 5-9 July 2010
- *Bolyai János memorial conference on the occasion of the 150th anniversary of his death*, 30 August-5 September 2010, Budapest - Târgu-Mureş

- *“International conference on nonlinear operators, differential equations and applications”*, Cluj-Napoca, 5-8 July, 2011
- Seminar of the research group *“Analysis and optimization”*, Cluj-Napoca, 26 March, 2015
- *5th International Conference on Mathematics and Informatics*, Târgu-Mureș, 2-4 September, 2015
- *6th International Conference on Mathematics and Informatics*, Târgu-Mureș, 7-9 September, 2017

VII. Research interest

Critical point theory, Variational methods, PDE

VIII. Languages

English, French, Hungarian, Romanian

Date

September 17, 2017

Mezei Ildikó-Ilona