

Adela LUPESCU

PERSONAL DATA

PLACE AND DATE OF BIRTH: Arad, Romania | 19 May 1989
ADDRESS: Izlazului Street, no. 12, ap 5, Cluj-Napoca, Romania
PHONE: ~~+40 723 587 136~~
EMAIL: ade@cs.ubbcluj.ro

WORK EXPERIENCE

<i>Current</i> OCT 2013	Teaching Assistant (as PHD Student) "Babes-Bolyai" University, Cluj-Napoca, Romania Teaching seminars (in Romanian and/or English) on: Algebra, Basic Algebraic Structures, Linear Algebra, Introduction in Cryptography, Complements of Algebra, Affine Geometry); Students' homework grading; Students' exams grading.
2006-2008	Library Assistant "Moise Nicoara " National College, Arad, Romania Book database and inventory maintenance.

EDUCATION

OCT 2013 - PRESENT	Ph.D in GEOMETRY, "Babes-Bolyai" University, Cluj-Napoca Thesis-In Preparation: "Circular Morse Theory" Advisor: Prof. Dorin ANDRICA INTERESTS: Differential Geometry; Algebraic Topology; Functional Analysis; Morse Theory.
OCT 2011 - SEPT 2013	Master's Degree in DIDACTIC MATHEMATICS, "Babes-Bolyai", Cluj-Napoca Thesis: "Remarcable centers of a triangle " Advisor: Daniel VACARETU COURSES: Algebra; Geometry; Mathematical Analysis; Numerical Analysis and Approximation; Computer Applied Mathematics; Mechanics and Astronomy. Teacher training module (Level II) "DPPD" Cluj-Napoca
OCT 2008 - SEPT 2011	Bachelor's Degree in MATHEMATICS, "Babes - Bolyai", Cluj-Napoca Thesis: " Loci Problems in Geometry " Advisor: Daniel VACARETU COURSES: <i>Algebra</i> (Basic Algebraic Structures, Linear Algebra); <i>Geometry</i> (Analytical Geometry, Differential Geometry), <i>Mathematical Analysis</i> (Calculus, Topology, Functional Analysis, Optimization, Complex Analysis); Differential Equations; Probability and Statistics; Numerical Analysis; Mathematical Models in other Sciences. Teacher training module (Level I) "DPPD" Cluj-Napoca <i>Extra Peculiarities</i> : Fundamentals of Programming, Data Structures and Algorithms, Mathematical Software.
SEPT 2004 - JUL 2008	High School MATHEMATICS AND NATURAL SCIENCES "Moise Nicoara" National College, Arad, Romania

LANGUAGES

ROMANIAN: Mothertongue
ENGLISH: Fluent
FRENCH: Good working knowledge
SPANISH: Good working knowledge

PERSONAL SKILLS

Good communication skills gained through my research experience and interaction with research groups.

Leadership (currently teaching groups of 30 students) time management skills and organizational skills (Research Coordinator for MatLan "Emil Racovita" National College Project).

Very well organized and attentive to detail. Fast learner and good team player.

COMPUTER SKILLS

LaTex;
Symbolic and numerical computation (Maple, Mathematica, Matlab);
Web Design (HTML/CSS Basics);
OOP(C++ Basics);
Data Structure and Algorithms (Basics);
Microsoft Office.

ADDITIONAL INFORMATION

PUBLICATIONS "Note on the adjoint Spieker points" Andrica, Dorin; Lupescu, Adela; Barbu Catalin; IJG, 2017;
"Note on an Algorithm for Computing the Reeb Graph" Lupescu, Adela; IJG, 2017;
"Note on the minimum number of critical points of real or circular functions", Lupescu, Adela; Pintea, Cornel; Mathematica, 2017;
"Circular mappings with minimal critical sets " Andrica, Dorin; Lupescu, Adela; Pintea, Cornel; Studia, 2014;
" Loci Problems in Geometry", Bachelor's Thesis, 2013;
" Remarcable centers of a triangle", Master's thesis, 2015.

PRESENTATIONS "Circular mappings with minimal critical sets " - (MaCS 2014), Cluj-Napoca.

CONFERENCES 10th Joint Conference on Mathematics and Computer Science (MaCS 2014), Cluj-Napoca, May 21-25, 2014;
National Conference "Didactics of Mathematics", Bihor County, 2014;
National Conference "Didactics of Mathematics", Mures County, 2013;
Le 26e congres MATH.enJEANS, Lyon, France;
Le 25e congres MATH.enJEAN, Avignon, France.
Le 24e congres MATH.enJEANS, Lyon, France;

CONFERENCES Third International Conference on Numerical Analysis and Approximation Theory (NAAT), Cluj- Napoca, Romania (2014) (*organizing team*)

DRIVING LICENCE B





INSPECTORATUL ȘCOLAR JUDEȚEAN CLUJ
COLEGIUL NAȚIONAL "EMIL RACOVIȚĂ" CLUJ-NAPOCA
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ȘTIINȚIFICE

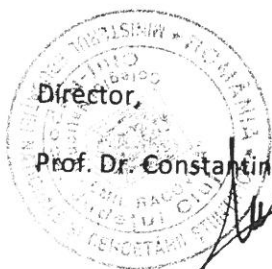
Nr. 256 Data 17.03.2016

ADEVERINȚĂ

Prin prezenta se adeverește că d-na Adela Lupescu, Universitatea Babeș-Bolyai, a participat în data de 17 martie 2016 la evenimentul *Prin cercetare matematica devine captivantă* desfășurat la Colegiul Național „Emil Racoviță” Cluj-Napoca.

În cadrul evenimentului au fost promovate activitățile și rezultatele proiectului Erasmus+ „Learning math and languages through research and cooperation - MatLan” (2014-1-RO01-KA201-002699_1) prin *Forumul proiectelor de cercetare matematică*, masa rotundă cu tema *Opționalul „Atelier de cercetare matematică / Studiul matematicii prin cercetare”* și atelierul *Evaluarea competențelor dezvoltate elevilor în cadrul atelierului de cercetare matematică*.

S-a eliberat prezenta pentru a-i servi la completarea dosarului personal.



Director,

Prof. Dr. Constantin Corega

Association **MATH.en.JEANS**
association régie
par la loi du 1^{er} juillet 1901

Association agréée par le Ministère
de l'Éducation Nationale



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Isabelle Dubois
Prix de la Démarche Scientifique
(PERIF 90)
Prix d'Alembert (SMF, 1992)
Agrément E.N. arrêté du 21-12-
2009 (BOEN n°3 21-01-2010)

COMITÉ SCIENTIFIQUE

Michèle Artigue
Michèle Audin
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Etienne Ghys
Jean-Pierre Kahane
Marie-Françoise Roy



UNIVERSITÉ D'AVIGNON
ET DES PAYS DE VAUCLUSE

ATTESTATION

L'association **MATH.en.JEANS** atteste que
Adela Lupescu, chercheuse à l'Université Bades-
Bolyai de Cluj-Napoca (Roumanie), a participé
congrès national **MATH.en.JEANS** à l'Université
d'Avignon et des pays de Vaucluse (France) du 26 mars
au 28 mars 2015 dans le cadre du projet ERASMUS-
MatLan (2014-1-RO01-KA201-002699).



François PARREAU
Président de l'AMEJ