

CURRICULUM VITAE

IOANA ŞUVAINA

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Personal:

Date of Birth : January 17, 1977.
Citizenship : Romanian.

Education:

BS: June 1999, University of Bucharest, Romania.
Thesis: *Introduction to the Higher Dimensional Theory of Twistor Spaces*
Thesis Advisor: Liviu Ornea

Current Employment:

Graduate Student, SUNY at Stony Brook (Ph.D expected June 2006, advisor C.LeBrun)

Research Interest:

Primary: Differential Geometry, Symplectic Topology.
Secondary: Algebraic Geometry, Differential Topology.

Articles:

[Su05] I.Şuvaina *On Einstein metrics on non simply-connected 4-manifolds*,
in preparation, expected on the archive in Dec 2005;
[RS05] R.Răşdeaconu, I.Şuvaina, *The algebraic rational blow-down*,
in preparation, expected on the archive in Dec 2005.

Coordinator of Student Seminars and Talks:

- Introduction to Symplectic Topology, seminar SUNY;	Fall	2002
- Complex Algebraic Surfaces, seminar SUNY;	Spr	2003
- Topics in 4-Manifolds, seminar SUNY;	Fall	2003
- Existence and Obstructions of Einstein metrics on 4-manifolds, talk SUNY.	Oct	2005

Awards

- Various prizes at the National Contests and Olympiads in Mathematics, Romania; 1989-1994
(a dozen prizes, among them a third prize at the national olympiad in 1993)
- National Merit Fellowship of the Romanian government; 1995-1999

- Award team in Math Quiz 2000. A research level interactive competition organized by the Centre de Recerca Matemàtica, Barcelona as part of the World Mathematics Year activities; 2000
- Teaching Fellowship of the Learning Communities Program; 2000-2002
- Departmental Teaching Award (cash award); 2002
- Departmental Fellowship Award (cash award). 2004

Conferences and Workshops

- IAS/PCMI Mentoring Program for Women in Mathematics, Princeton. May 2002
- SUNYSB Minimal Varieties in Geometry and Physics Jun 2002
- IPAM Symplectic Geometry Workshop Mar 2003
- MSRI Von Neumann Symposium on Complex Geometry, Calibrations, and Special Holonomy Aug 2003
- Clay Mathematics Institute Summer School on Floer Homology, Gauge Theory, and Low Dimensional Topology. Jun 2004
- SUNYSB XXth Annual Geometry Festival Apr 2005
- MSRI Recent Results in Nonlinear Elliptic Equations and their Interactions with Geometry Nov 2005

Teaching Experience:

- Lecturer and Coordinator for Mathematical Problems and Games (Mat 160)
- Lecturer and Coordinator for Logic, Language and Proof (Mat 200)
- Lecturer and Coordinator for Introduction to Linear Algebra (Mat 211)
- Lecturer and recitation instructor for various classes in Calculus A,B
- Produced material for the Learning Communities Program. An interdisciplinary project to create and implement novel teaching techniques. 2000-2002
- Coordinator for Student Seminars 2002-2003

References:

Claude LeBrun
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Sorin Popescu
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Anthony Phillips - regarding teaching
e-mail: tony@math.sunysb.edu

(from SUNY at Stony Brook)