

Tatiana Zolotareva

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Address : 126 Avenue de General Leclerc

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Ph.D. in mathematics (final year)

Centre de Mathématiques Laurent Schwartz, Ecole polytechnique – CNRS, France

Research and teaching experience

2012 - 2015

Ph.D. CMLS, Ecole polytechnique

Research domain: Geometric analysis

Scientific advisor : Frank Pacard

Preprints :

Higher Codimension Isoperimetric Problems, [arXiv:1502.06812](https://arxiv.org/abs/1502.06812) with R. Mazzeo, F. Pacard

Free Boundary Minimal Surfaces in the Unit 3-Ball, [arXiv:1502.06746](https://arxiv.org/abs/1502.06746) with A. Folha, F. Pacard

Talks:

Jan. 7, 2012

Geometric seminar, *University Paris Diderot*

May 19, 2013

Geometric seminar, *University Paris Diderot*

Jun. 20, 2014

Conference: Geometric Analysis in Roscoff

Jan. 30, 2014

Geometric seminar, *University of Nantes*

Feb. 30, 2014

Geometric seminar, *University of Tours*

Mar. 16-20, 2015

Workshop in Maceio, Brazil

Apr. 8-15, 2015

ICTP-CIMPA Research School in Santiago Del Chile, Minimal Surfaces Overdetermined Problems and Geometrical Analysis

Summer schools:

Jun. 20 – Jul. 30, 2013 PCMI Graduate Students Summer School, Parc City USA

Teaching:

2012 - 2015

Seminar classes, *University Paris Diderot* (1st year analysis and diff. equations)

2013 - 2014

Scientific popularization in the framework of "Fête de la science"

2009 - 2010

Tutoring in mathematical competitions, *Lycée Henri-IV, Paris*

Seminar classes, *Novosibirsk State University* (1st year analytical geometry)

Education

2011 - 2012

Ecole polytechnique – University Paris Sud

M.S. Master 2 AAG (Algebra, Analysis and Geometry)

Scholarship : Egide Foundation

2010 - 2011

Ecole polytechnique

Master 1, International Exchange Program with *Novosibirsk State University*

Scholarship : AX Association

2009 - 2011

Novosibirsk State University

M.S. (Mathematics)

Scholarships : *Russian governmental scholarship* for good and excellent studies

Sabinin scholarship in the field of geometry and topology

Research scholarship : Russian foundation for Basic Research, grant 09-01-00142

"Topological properties of Riemannian space with special curvature restrictions"

2005 - 2009

Novosibirsk State University

B.S. (Mathematics and Mechanics)

Scholarship : Russian governmental scholarship for good and excellent studies

2003 - 2004

FLEX (Future Leaders Exchange Program) with *Schylerville High School, USA*

Scholarship : American Councils

Skills

Computer skills: Proficient use of Pascal, Latex and Microsoft Office, Advanced use of Matlab, basic knowledge in C++

Language skills : Russian (*native speaker*), French (*fluent*), English (*fluent*), German (*intermediate*), Spanish (*beginner*)

Interests

Taekwondo, poetry, hiking