CURRICULUM VITAE

1. **Name:**   Andrei Negut

2. **Date of Birth:**   January 31, 1986

3. **Place of Birth:**   Craiova, Romania

4. **Citizenship:**   Romanian

5. **Education:**

2012 - 2015	PhD in Mathematics, **Columbia University** (Dean's fellowship)
2009 - 2012	Master's in Mathematics, **Harvard University** (Peirce fellowship)
2004 - 2008	Bachelor of Arts in Mathematics with Highest Honors, **Princeton University**, GPA: **3.918/4** cumulative, **4/4** mathematics
	Thesis: *Laumon Quasiflag Spaces and Many-Body Systems*, Grade **A+**
Spring 2007	Study Abroad at the Independent University of Moscow, Russia

6. **Work Experience:**

Mar - Aug 2014	Visitor at the Research Institute for Mathematical Sciences (RIMS), Kyoto, Japan
Feb - Apr 2009	Visitor at the Max Planck Institut für Matematik (MPIM), Bonn, Germany
Oct - Dec 2008	Visitor at the Institut des Hautes Etudes Scientifiques (IHES), Bures-sur-Yvette, France
2008 - present	Assistant Researcher at the "Simion Stoilow" Institute of Mathematics of the Romanian Academy (IMAR), Bucharest, Romania

7. **Publications:**

Affine Laumon Spaces and the Calogero-Moser Integrable System
Journal article - preprint

Quantum Toroidal and Shuffle Algebras, R−matrices and a Conjecture of Kuznetsov
                 Journal article - preprint

Refined knot invariants and Hilbert schemes
                 Journal article (with E. Gorsky) - submitted

Moduli of Flags of Sheaves on $\mathbb{P}^2$ and their K−theory
                 Journal article - submitted

The Shuffle Algebra Revisited
                 Journal article, **International Mathematical
                 Research Notices**, doi: 10.1093/imrn/rnt156 (2013)

Holder properties of perturbed skew products and Fubini regained
                 Journal article (with Yu. Ilyashenko)
                 Nonlinearity Volume 25, Number 8 (2012), 2377–2399

Yangians and Cohomology Rings of Laumon Spaces
                 Journal article (with B. Feigin, M. Finkelberg, L. Rybnikov)
                 Selecta Mathematica Volume 17, Number 3 (2011), 573–607

Invisible Parts of Attractors
                 Journal article (with Yu. Ilyashenko)
                 Nonlinearity Volume 23, Number 5 (2010), 1199–1219

Laumon Spaces and the Calogero-Sutherland Integrable System
                 Journal article, **Inventiones Mathematicae**,
                 Volume 178, Number 2 (2009), 299–331

Problems for the Mathematical Olympiads
                 Book (158 pages), GIL Publishing House, Romania, 2005

8. Invited Talks:

Princeton University Algebraic Geometry Seminar, Oct 1, 2013

Vector Bundles on Algebraic Curves, Trieste, June 18, 2013

Universität zu Köln, Algebra Oberseminar, May 28, 2013

Southern California Algebraic Geometry Day at Caltech, Nov 17, 2012

Stony Brook Algebra, Geometry and Physics Seminar, Oct 10, 2012

Columbia University Workshop on Equivariant Quantum Differential Equations, Sep 19, 2011

Institute of Mathematics of the Romanian Academy Monthly Colloquium, Jan 19, 2011

MIT Infinite Dimensional Algebras Seminar, Nov 6, 2009

Max Planck Institut für Matematik Oberseminar, Mar 12, 2009

Institute of Advanced Study Special Lecture, May 1, 2008

Princeton University Ergodic Theory and Statistical Mechanics Seminar, Dec 13, 2007

9. Honors and Fellowships:

Honorable Mention for the AMS-MAA-SIAM Frank and Brennie Morgan Prize for Outstanding Research in Mathematics by an Undergraduate Student, 2009

Middleton Miller Prize in Mathematics, 2008 *(awarded to a Princeton senior for excellence in independent work in mathematics)*

Josephine de Karman Fellow, 2007-2008

Andrew H. Brown Prize in Mathematics, 2007 *(awarded to one or two Princeton juniors who have excelled in mathematics)*

11. Language Skills:

Romanian (native), **English** (fluent), **Russian** (very good), **French** (very good)