

NALINI ANANTHARAMAN

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Birth : 26/02/76

Birth place : Paris, France

Citizenship : French

Gender : F

Current position : Associate “Hadamard” Professorship at the Centre de Mathématiques Laurent Schwartz, École Polytechnique, Palaiseau.

**Education, work experience.**

- 2007-2008 Associate “Hadamard” Professorship at the Centre de Mathématiques Laurent Schwartz, École Polytechnique, Palaiseau.
- 2006-2007 CNRS Researcher (CR1), Associate “Hadamard” Professorship at the Centre de Mathématiques Laurent Schwartz, École Polytechnique, Palaiseau.
- 2006 *Habilitation à diriger des recherches*, Université Claude Bernard/ENS de Lyon, “Entropie et localisation des fonctions propres”. Defended on December 8th 2006.
- 2001-2006 *Maître de Conférences* at Ecole Normale Supérieure, Lyon.
- 1999–2001 Assistant at Ecole Normale Supérieure, Paris.
- 1998-1999 Assistant at Universités Paris 6 / Paris 10.
- 1997-2000 Ph. D, Paris 6, supervised by François Ledrappier (Laboratoire de Probabilités) : “Géodésiques fermées des surfaces, sous contraintes homologiques”. Defended on September 12th 2000.

**Languages.**

Fluent French and English, fair Spanish, Russian and German.

**Honors and awards.**

Prix Gabrielle Sand et Marie Guido Triossi de l’Académie des Sciences, 2007.  
Miller professorship, Spring 2009, University of California at Berkeley.

### **Invited lectures (since 2003).**

◇ Minicourses :

- July 2007 Clay Summerschool on Homogeneous flows, Moduli Spaces and Arithmetics, Pisa, Italy.
- April 2007 Northwestern University, USA.
- June 2006 University of Bristol, United Kingdom.

◇ Principal addresses in conferences :

- February 2009 Laplacian eigenvalues and eigenfunctions, Los Angeles, USA.
- December 2008 Indo-French conference, Chennai, India.
- November 2008 Nice Days of Waves in Complex Media, Nice.
- July 2008 5th European Congress of Mathematics, invited speaker, Amsterdam, The Netherlands.
- May 2008 Cinquante ans de l'IHES, Bures-sur-Yvette, France.
- April 2008 Workshop on Spectrum and Dynamics, Montreal, Canada
- August 2007 Geometric Aspects of Analysis and Mechanics, in honor of H. Duistermaat, Utrecht, The Netherlands.
- June 2007 Société de Mathématiques Appliquées et Industrielles, Praz-sur-Arly.
- August 2006 International Congress of Mathematical Physics (ICMP), Rio de Janeiro, Brasil.
- June 2006 Semiclassical, riemannian and combinatorial aspects of spectral theory, in honor of Y. Colin de Verdière, Grenoble.
- July 2005 Resonances and Periodic Orbits: Spectrum and Zeta Functions in Quantum and Classical Chaos, Institut Henri Poincaré, Paris.
- June 2005 Dynamical Systems and Smooth Ergodic Theory, Bordeaux.
- March 2005 Recent advances in PDE and Variational Methods, Pisa, Italy.
- December 2004 Colloque à l'occasion des 150 ans de la naissance d'Henri Poincaré, Paris.
- June 2004 Random Matrices and Applications, Newton Institute, Cambridge, UK.
- May 2004 Conference to the memory of M. Babillot, Orléans.
- July 2003 New connections between dynamical systems and partial differential equations, Palo Alto, USA.
- January 2003 Journées semi-classiques, Nantes.

◇ Department seminars and colloquia :

Janvier 2008 Systèmes dynamiques, Villetaneuse.

Novembre 2008 UMPA, ENS-Lyon; Séminaire tournant, Institut Henri Poincaré, Paris.

Octobre 2008 Physique mathématique, Villetaneuse.

April 2008 Colloquium, Princeton University, USA.

March 2008 Nancy.

October 2007 Paderborn, Germany; Bonn, Germany.

September 2007 Geneva, Switzerland.

March 2007 Notre-Dame University, South Bend, USA.

February 2007 Rennes.

November 2006 Université de Rouen; ENS-Paris; XEDP, École Polytechnique; Géométrie Ergodique, École Polytechnique.

January 2006 Institute of Advanced Studies, Princeton, USA.

November 2005 PUC-Rio and UFRGS-Porto Alegre, Brasil.

April 2005 Johns Hopkins University, Baltimore, USA.

March 2005 Pisa, Italy; Roma 2, Italy.

February 2005 Eliasson-Yoccoz Seminar, Paris.

June 2004 Géométrie ergodique, Ecole Polytechnique, Palaiseau.

June 2004 Topologie et dynamique, Paris 11, Orsay.

November 2003 New York University-Courant Institute; City University of New-York, USA.

October 2003 Rome 3, Italy.

August 2003 Guanajuato, Mexico.