Curriculum vitae

Name	Jacopo De Simoi
Birth date	September 20th 1981
Current address	Institut de Mathématiques de Jussieu (UPMC)
	16, rue Clisson
	75013 Paris
Email address	`jacopo.de_simoi@upmc.fr`

Research interests

Hyperbolic dynamics, Ergodic theory, Conservative systems (*current interests*)
Complex dynamics in one and several variables
Statistical mechanics and Phase transitions

Education

Post-doctoral studies (2009-current)

MALADY Post-doctoral position 2010-2011 at Roma Tor Vergata
Scientist in charge of the position: Prof. C. Liverani

Post-doctoral position 2009 Fondation Sciences Mathématiques de Paris
Scientist in charge of the position: Prof. R. Krikorian

Graduate studies (2005-2009)

Ph.D. student in Mathematics at *University of Maryland, College Park*
Block Grant Fellowship (Aug 2005 - Aug 2007)
Teaching assistantship (Aug 2007 - Aug 2009)
Visiting student at University of Toronto (2006/07), supervisor Prof K. Khanin
Graduated September 2009, thesis advisor: Prof. D. Dolgopyat
Thesis: *Abundance of escaping orbits in a family of
        anti-integrable limits of the standard map*

Undergraduate studies (2000-2005)

Diploma di Licenza in Fisica at *Scuola Normale Superiore, Pisa*
Graduated *cum laude* in Dec 2005

Laurea magistrale in Fisica ($\sim$ Master degree in Physics) at *Università di Pisa*
Graduated *cum laude* in May 2005, thesis advisor: Prof. S. Marmi
Thesis: *Potts models on hierarchical lattices and renormalization group dynamics*

Laurea in Fisica ($\sim$ B.S. in Physics) at *Università di Pisa*
Graduated *cum laude* in Oct 2003, thesis advisor: Prof. S. Marmi
Thesis: *Hierarchical models and Julia Sets*

Publications

Stability and Instability results in a model for Fermi Acceleration
Discrete and Continous Dynamical Systems A, 25 719-750 (2009)

Potts models on hierarchical lattices and Renormalization Group dynamics
(joint with S. Marmi) *Journal of Physics A*, 42, 095001 (2009).

Potts models on hierarchical lattices and Renormalization Group dynamics II: examples and numerical results
Journal of Physics A, 42, 095002 (2009)

Attended schools and workshops

2010   Periodic Approximations in Ergodic Theory
        Centro De Giorgi, Pisa, Italy

2009   Progress in Dynamics (in honor of A. Katok 65th birthday)
        IHP, Paris, France

        Workshop on weak turbulence
        IHP, Paris, France

        First Young Italian Hyperbolicians workshop
        Corinaldo, Italy

        Workshop in Dynamical Systems and related topics
        University of Maryland, College Park, MD, USA

2008   Workshop in Dynamical Systems and related topics
        Penn State University, State College, PA, USA

        Summer school and conference in Dynamical Systems
        ICTP, Trieste, Italy

        ESI programme in Hyperbolic Dynamical Systems
        ESI, Vienna, Austria

        Workshop in Dynamical Systems and related topics
        University of Maryland, College Park, MD, USA

2007   Workshop in Dynamical Systems and related topics
        Penn State University, State College, PA, USA

        Clay Institute summer school on
        Homogeneous flows, Moduli spaces and arithmetic
        Centro di ricerca Matematica E. De Giorgi, Pisa, Italy

2006   Hyperbolic geometry workshop
        Fields Institute, Toronto, ON, Canada

2003   SMI summer school on Holomorphic Dynamics
        SNS, Cortona, Italy

Skills and other interests

Languages
  Italian (native)
  English, Spanish (fluent)
  French (basic)

Extra-academic interests
  Studied violin since 1990, Achieved *Conservatory Diploma* (10 year-course) in June 2005.
  Played as a first violin in Youth University Orchestra in Pisa, Italy and Corktown Chamber Orchestra in Toronto, Canada
  Proficiency with C/C++ programming, bash scripting; Confidence with GNU/Linux, Open source enthusiast and occasional contributor.