

Alexandre Janon

Personal information

Born 28 septembre 1986
E-mail alexandre.janon@imag.fr

Education

September 2004 - June 2006 **École Normale Supérieure de Lyon**
Normalien student
Bachelor of Science (major: Mathematics)
Master of pure and applied Mathematics (1st year)

July 2007 **Agrégation Externe de Mathématiques**
French competitive examination for high school and higher education teachers

September 2007 - June 2008 **IUFM de l'Académie de Grenoble**
Internship as high school mathematics teacher

September 2008 - June 2009 **Université Joseph Fourier, Grenoble I**
Master of applied Mathematics (2nd year)

September 2009 - **Université Joseph Fourier, Grenoble I**
PhD of applied Mathematics
MOISE team, Laboratoire Jean Kuntzmann/INRIA
Sensitivity analysis and model reduction with application to oceanography
Dir. by Clémentine Prieur et Maëlle Nodet
Defense: November 2012

Research internships

June-July 2005 Institut Fourier
Szegő kernel and numerical computation of the Riemann conformal mapping
Dir. Jean-Pierre Demailly

June-July 2006 Institut Fourier
Ergodicity of the discrete modified Lévy transform
Dir. Christophe Leuridan

March-August 2009 INRIA Rhône-Alpes
Bayesian approach for detection/estimation of fMRI-measured activations
Dir. Florence Forbes et Michel Dojat

Teaching experiences

Individual tutoring

September 2007 - June 2009 High school mathematics teacher

September 2009 - College (undergraduate) mathematics teacher

Computer science skills

Unix, Linux
C/C++, Caml (functional programming), Python
Symbolic (Maple, XCas) and numerical (Matlab/Octave) software
L^AT_EX