
Contact information

CERMICS - ENPC
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Curriculum

Since 2015: École des Ponts ParisTech

Maître de Conférences at École des Ponts ParisTech.

Researcher within the Applied Probability team at CERMICS.

2014-2015: ENS Lyon

CNRS Postdoc Fellow at Laboratoire de Physique.

Member of the Climate and Statistical Mechanics group.

2011-2014: École des Ponts ParisTech and Université Pierre et Marie Curie

PhD student at CERMICS and LPMA.

Title of the thesis: *Long time and large scale behaviour of a few collisional dynamics*, defended in Nov. 2014.

2009-2011: École des Ponts ParisTech

Training as an *Ingénieur-élève des Ponts, des Eaux et des Forêts*.

1-year internship at EADS Innovation Works (2010-2011).

2006-2009: École Polytechnique

Ingénieur Polytechnicien diploma, class X2006.

3-month internship at Dipartimento di Matematica, Università Roma Tre (2009).

Current teaching activity

École des Ponts ParisTech

Ingénierie des Incertitudes en Mécanique (Graduate Level, in charge of the course with V. Ehlacher).

Statistique et Analyse des Données (Graduate Level, in charge of the course).

Academic advisor for several research projects or internships (Undergraduate and Graduate Level).

Mines ParisTech

Probabilités (Undergraduate Level, teaching assistant).

Research activity

Distinction

Prix de thèse Jacques Neveu awarded by SMAI in 2015.

Research Interests

Long time behaviour of stochastic processes: convergence to equilibrium, metastability.

Interacting particle systems and particle methods for nonlinear PDEs.

Equilibrium and nonequilibrium statistical mechanics, large deviations, rare events.

Applications of probability theory and analysis to physics, economics and operations research.

Uncertainty quantification and industrial applications.

Supervision

Currently co-advisor of 3 PhD students.