

Kimiya Minoukadeh

Education

2007-2010	École des Ponts ParisTech <i>PhD in Applied Mathematics : Deterministic and stochastic methods in molecular simulation</i> – PhD student representative – Doctoral seminar organizer and webmaster	Marne-la-Vallée, France
2006-2007	École Polytechnique <i>Master in Applied Mathematics</i>	Palaiseau, France
2005-2006	University of Oxford (Lincoln College) <i>MSc. Mathematical Modeling & Scientific Computing</i>	Oxford, UK
2002-2005	University of Oxford (Exeter College) <i>BA Mathematics and Computer Science, First Class Honors</i>	Oxford, UK
2000-2002	Lycée Français Charles de Gaulle <i>A Levels : Mathematics, Advanced Mathematics, French, Art</i>	London, UK

Work Experience

2007 (4 months)	École Polytechnique de Montréal. Master's Research Project Development of genetic algorithms for parameter estimation	Montréal, Canada
2005 (3 months)	The MathWorks. Summer Studentship in Computational Biology Development of data fitting demos for the Simulink Parameter Estimation tool	Cambridge, UK
2004 (3 months)	Goldman Sachs. Summer Technology Analyst Programme Enhancements on internal website for the Asset Management Sales & Marketing team	London, UK

Teaching

2009-2010	Université Paris 1 Panthéon-Sorbonne Lectures and Practicals : <i>Object Oriented Programming in C++</i>	Paris, France
2008-2009	École des Ponts ParisTech Practicals : <i>Introduction to Linux and scientific software</i>	Marne-la-Vallée, France
2006	University of Oxford (St Catherine's College) Tutorials : <i>Differential Equations</i>	Oxford, UK

Publications

2011	T. Lelièvre and K. Minoukadeh, <i>Long-time convergence of an Adaptive Biasing Force method : the bi-channel case</i> , to appear in Arch. Ration. Mech. Anal.
2010	K. Minoukadeh, C. Chipot and T. Lelièvre, <i>Potential of Mean Force Calculations : A Multiple-Walker Adaptive Biasing Force Approach</i> , J. Chem. Theory Comput. 6(4), 1008–1017
2009	E. Cancès, F. Legoll, M.-C. Marinica, K. Minoukadeh and F. Willaime, <i>Some improvements of the ART method for finding transition pathways on potential energy surfaces</i> , J. Chem. Phys. 130, 114711

Awards and Scholarships

2006-2007	Bourse d'Excellence de la Fondation de l'X, École Polytechnique
2005	EPSRC Studentship ◦ The MathWorks Studentship ◦ Fitzgerald Prize*
2003-2004	East Scholarship* ◦ Collections Prize* <i>* awarded by Exeter College, University of Oxford</i>

Other

Languages	English (native) ◦ French (bilingual) ◦ Persian (fluent) ◦ Russian (basic)
Technologies	C++ ◦ Java ◦ MATLAB ◦ Scilab ◦ Tcl/Tk ◦ Fortran 77/90 ◦ SQL ◦ VB ◦ HTML ◦ JSP
Hobbies	Athletics (running) ◦ Digital art ◦ Reading