

- EDUCATION**
- 2011 : **PhD in Physics**, Membranes in cells : transport and identity, *ESPCI (Paris) - Université Paris VI*.
- 2007 **Master of Science**, Modeling, Statistics and Algorithms in out-of-equilibrium systems, *summa cum laude. Université Paris XI & École Normale Supérieure*.
- 2005 **Bachelor of Science**, Physics, *École Normale Supérieure*.
- 2004 Admitted in the *École Normale Supérieure*, Major : Biology, Chemistry.
- 2002 **Baccalauréat scientifique**, Distinctions : A (*très bien*), European.
- SCIENCE SKILLS**
- Physics* : Biophysics, statistical physics, thermodynamics, dynamical systems.
- Biology* : Cell biology, image analysis, data analysis.
- Computer science* : Algorithms, C/C++, Python, Matlab programming.
- Teaching* : Physics and Matlab for biologists, mathematical modeling, simulations.
- EXPERIENCE**
- Since Feb. 2012 : **Postdoctoral fellow** (BIOMS fellowship)
- Cytoskeletal architecture in cell plasticity.
Supervisor : François Nédélec, *EMBL Heidelberg*.
 - Co-organized "Modeling Cellular Processes in Space and Time"
Serge Dmitrieff, Hervé Turlier, François Nédélec, october 2014
- Oct. 2011-Jan. 2012 : **Bridging postdoctoral fellow**
- Models of transport and compartment generation in Eucaryotic cells.
Supervisor : Pierre Sens, *ESPCI, Paris*.
- Sept. 2008-Sept. 2011 : **PhD Student**
- Models of transport and compartment generation in Eucaryotic cells.
Advisor : Pierre Sens, *Laboratory of Theoretical Physical Chemistry, ESPCI*.
 - Teacher assistant in Physics for freshmen biologists, *Université Paris VI, Paris*.
- Sept. 2007- Feb. 2008 **Scientific Deputy, French Consulate in Shanghai**
- Creation of a database of Physics laboratories in the Shanghai area, in order to promote scientific cooperation.
- Sept. 2005 - July 2007 **Master of Science**
- Modeling of a protein detector as a 2D-random walk process.
Advisor : Michel Moreau, *Laboratory of Condensed Matter, Université Paris VI*.
 - Characterization of viral capsids sizes by AFM.
Advisor : Bill Gelbart, *Department of Physical Chemistry, UCLA, Los Angeles*.
- 2005 **Bachelor of Science**
- Computer simulation of a restriction enzyme as a random walker.
Advisor : Pierre Desbiolles, *Laboratoire Kastler Brossel, ENS, Paris*.
 - Analyzing the influence of localized mutations in the shape of a protein.
Advisor : Christiane Alba-Simionesco, *LCP, Université Paris XI*.
- LANGUAGES**
- English, French : Fluent.
German, Spanish : Proficient. Chinese : Basics.
- MISC.**
- Former additional professional activity : holiday camps organizer (2003-2004).
Sports : judo, basket-ball, hiking, skiing. Leisure : cooking, reading, playing bass.