

LANOISELEE Yann

Born in Rochefort, on 29/01/1992

5 rue de la Philaudrie 17300 Rochefort, France

Phone : +336 83 62 82 14

Mail : yann.lanoiselee@polytechnique.edu

Curriculum Vitae

Formation

- 2015 : PhD student, “Inference of anomalous diffusion in living cells from single particle trajectories”, directed by Dr. Denis Grebenkov at Ecole Polytechnique, Paris-Saclay University, France
- 2014-2015 : Master Degree in Complex Systems at Pierre and Marie Curie University, France
- 2011-2014 : Master Degree in Mechanical Engineering at University of Tours, France
- 2009-2011 : Bachelor in physics at University of Tours, France

Works Background

- 2015 : Research internship in the laboratory of Condensed Matter Physics at Ecole Polytechnique: « Statistical analysis of anomalous diffusion: theoretical study and application to the case of single trajectories of tracers in living cells. »
- 2014: Research internship in the laboratory of Statistical Physics an Complex Systems of ISMANS:
 1. Composition of fractals and multifractals.
 2. Mechanical behavior of beams with quasi-fractal sections
- 2013 : 4 months internship at European Furnace Ropion, CFD and thermal analysis of industrial furnaces cooling.

Skills

Physique	Ingénierie	Informatique
Single Particle Tracking Anomalous diffusion Stochastic Processes Numerical Simulation Monte-Carlo methods Statistical physics Out of equilibrium physics Fractal dimension analysis	Modal analysis Finite Element Analysis Material science Fluid mechanics Control of dynamic systems Numerical calculus Optimisation	Programming : Java, Python Numériqueal calculus: Matlab, Scilab Calcul formel: Maple, Mathematica CAD : Catia, Inventor Graphical programming : Labview FEA : Abaqus CFD : CFDesign

Publications

Lanoiselée, Y., Nivanen, L., Kaabouchi, A. E., & Wang, Q. (2014). Composition of Fractals and Multifractals. *arXiv:1407.2859 [math.MG]*, 20.