

Maximilien Drevetton

Current position

2018–2021 **PhD student in Computer Science**, *Inria Sophia-Antipolis*, Nice, France.
Subject : Statistical Physics method for distributed Machine Learning

Education background

2015–2016 **Agrégation de Mathématiques**, rank : 52.
University Toulouse Paul Sabatier, Toulouse. Option A : Probability and Statistics.
(Agrégation is the highest degree of teaching certification in France, Master level).

2014–2015 **Master 2**, *Ecole Normale Supérieure*, Lyon.
Master 2 in Theoretical, Statistical and Computational Physics.

2013–2014 **Master 1**, *La Sapienza Università*, Roma (Italy) & *Vrije Universiteit*, Amsterdam, Netherlands.
International Master Program (Erasmus Mundus) in Statistical and Computational Physics.

2012–2013 **Bachelor**, *Ecole Normale Supérieure*, Lyon.
Bachelor in Physics.

Experience

2016–2018 **Mathematic teacher**, *Berthollet, Pablo Neruda High School*, Annecy, Saint-Martin-d'Hères, France.

April–August 2015 **Master Internship**, *International Center for Quantum Materials*, Beijing, China.
Master thesis : Spin pumping into Topological Insulators (Weyl semimetals) and 2D electron gas.
Advisor : Pr. Wei Han (hanweipb@gmail.com).
Design and perform experiments to induce spin current into novel quantum 2D materials (Weyl semimetals like TaAs). Presentations of current research topics and academic paper. Make state of the art experiments. Write Python code to analyze experimental data.

Publications / Book

2019 **Leçons pour l'agrégation de mathématiques - Préparation à l'oral**, *Drevetton Maximilien, Lhabouz Joachim*, Ellipses, ISBN : 9782340030183, (to be published).

Skills & Languages

Skills Java, Python.

eMathster Developed an Android app, called eMathster, targeting (french) high school students who want to learn mathematics.

French mother tongue

English fluent

Mandarin basic/intermediate

Other

Udacity Google Developer Scholarship Challenge, Android Dev (2017)

Judo & MMA Regional level

IchO 2010 International Chemistry Olympiad (2010, part of the French pre-selection, ranked 9th out of 240).