

# Bertrand Granier

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## Education

- 2016- present **PhD in Logic and Philosophy of Science**, *Aix-Marseille Université*.  
Thesis : *Category theory as foundation for mathematics*.  
Advisors : Gabriella Crocco and Luigi Santocanale.
- 2014-2015 **CAPES/CAFEF (French Teaching Certificate) in Mathematics**.
- 2013-2014 **MSc in Mathematics**, *Aix-Marseille Université*.  
Specialization : Logic et and algebraic number theory.  
Thesis : *The ring of integers of a number field and the structure of its group of units : a study of Dirichlet's unit theorem*. (Mark : 18/20). Advisor : Karl Oeljeklaus.
- 2010-2013 **BSc in Mathematics**, *Aix-Marseille Université*, Marseille, (Honors).
- 2010-2011 **MSc (Research) in Philosophy**, *Aix-Marseille Université*, (Honors).  
Specialization : Logic and philosophy of mathematics.  
Main thesis : *Wittgenstein's philosophy of mind and its criticism by Feyerabend*. (Mark : 16/20). Advisor : François Clementz.  
Auxiliary thesis : *Numbers as objects : a study of neo-fregeanism*. (Mark : 18/20). Advisor : Jean-Baptiste Rauzy.
- 2004 **Bachelor's Degree in Philosophy**, *Université Paris X-Nanterre*, (Honors).
- 2003-2007 **Ecole HEC Paris**, Jouy-en-Josas.  
entry rank : 76/380
- 2001-2003 **Classes préparatoires aux Grandes Ecoles**, *Lycée Henri IV*, Paris.

## Employment history

- 2015-2016 **Examiner ("Khôlleur") in Mathematics**, *Aix-Marseille Université*, Marseille.  
Oral examiner of 1st to 3rd year students.  
Covered subjects : Integration (Riemann and Lebesgue), function suites and function series, Fourier series, affine geometry, linear algebra, topology, algebraic structures.
- 2014-2015 **Mathematics teacher**, *Lycée Militaire d'Aix-en-Provence*, Aix-en-Provence.  
Full time employment. 4 A-levels classes.
- 2010-2013 **Research Assistant**, *CNRS, UMR 7304 CEPERC*, Marseille.  
Translation and partaking in the commentary of the *Max. Phil.* (philosophical notebooks) of mathematician and philosopher Kurt Gödel, under supervision of Pr. Gabriella Crocco.
- 2008-2009 **Philosophy teacher**, *Lycée St Jean de Passy*, Paris.  
Full time employment, 4 A-levels classes.
- 2007 **Market Researcher**, *Air Liquide SA*, Paris.  
Market research and business development for the liquid gas industry.

## Languages

- English fluent  
Portuguese fluent  
German read, spoken, written

## Computer skills

Python, Java, C, C++, Sage,  
Prover9/Mace4, Matlab,  $\LaTeX$