

Curriculum Vitae

Omid Amini

CONTACT INFORMATION

Centre de mathématiques Laurent Schwartz
École Polytechnique, Palaiseau.

Phone: +33 1 44 32 32 06
E-mail:
omid.amini@polytechnique.edu

CURRENT AND PREVIOUS POSITIONS

Researcher at CNRS since 2008
Professeur chargé de cours at École Polytechnique since 2018

Affiliate associate professor at ENS, 2016-2018
Member of the mathematics department at ENS, 2008-2018

ACADEMIC INFORMATION

2018, Habilitation à diriger des recherches
Sorbonne Université
Reviewing committee: V. Berkovich, B. Bollobas, M. Jonsson, R. Vakil

2007-2008, Post-doc
MPI, Saarbrücken, Germany and McGill University, Montreal, Canada

2005-2007, PhD thesis
École Polytechnique - INRIA Sophia-Antipolis
Thesis advisor: Frédéric Havet
Reviewing committee: Noga Alon, Pierre Fraigniaud, Robin Thomas

2005 (March-September), Scientific Assistant
Algebraic Geometry Group, LMU, Munich, Germany
Advisor: Fabien Morel

Graduate courses in Mathematics (Master ENS - Orsay - Polytechnique)
Mention: très bien

2000-2003, Studies at École Polytechnique
Major in Mathematics and Physics

1998-2000, B.Sc. program in Mathematics, Sharif University of Technology

AWARDS

2019, Best paper award, in *Research in the mathematical sciences*
<https://www.springer.com/journal/40687/updates/17226828>

2002, *Prix d'option scientifique*, École Polytechnique
Advisor: Jean-Michel Bismut

1998, *Gold Medal* (score 42/42)
International Mathematical Olympiad, IMO 98, Taiwan

Students and postdocs

- Matthieu Piquerez, *PhD student, 2018* –.
- Hernàn Iriarte, *PhD student, 2018* – (joint supervision with Marco Maculan).
- Madhusudan Manjunath, *PhD 2011* (joint supervision with Kurt Melhorn), Currently Assistant Professor at IIT Bombay.
- Farhad Babae, *postdoc 2015-2016*, ENS, Currently Lecturer at University of Bristol.
- Lucas Gierczak, *master student, 2018-2019*.
- François Bacher, *master student, 2016-2017*.
- Maurice Fuhr, *master student, 2014-2015*.
- Yuanyuan Chen, *internship student, 2014*.

Mathematics community services

- Examiner (with Igor Kortchemski) for the specific oral in maths for the concours ENS-Ulm, sessions 2019 and 2020.
- Co-organizer of the CMLS geometry seminar, École Polytechnique.
- Member of the selection committee of “concours sélection internationale de l’ENS”, sessions 2015, 2016 and 2017.
- Member of the PhD committee of Christian Garay, “Tropical intersection theory, and real inflection points of real algebraic curves”, université Paris VI, September 2015.
- Reporter for the PhD thesis of Janne Kool, “Graphs, curves and dynamics”, Mathematisch Instituut Universiteit Utrecht, 2013.
- Member of the Hiring Committee of Paris VI Mathematics Department, 2011-2012, 2012-2013, 2013-2014 sessions.
- Co-editor with Matthew Baker and Xander Faber of the proceedings of the Bellairs workshop on Number Theory: “Tropical and Non-Archimedean Geometry”, AMS series Contemporary Mathematics 605 (2013).
- Referee for the following journals and conferences:
 - Inventiones mathematicae – Algebra and Number Theory – Compositio Mathematica – Michigan math. journal
 - Research in the mathematical sciences – Foundations of computational mathematics – Journal de l’École Polytechnique – Advances in Mathematics – Annales de la faculté des sciences de Toulouse – Journal de mathématiques pures et appliquées – Forum of Mathematics, Sigma – International Mathematics Research Notices – Bulletin de la société mathématique de France – Canadian journal of mathematics – Advances in geometry – Annals of Combinatorics – Journal of Combinatorial Theory Series A – Journal of Combinatorial Theory Series B – Journal of Algebraic Combinatorics – European Journal of Combinatorics – SIAM Journal on Discrete Mathematics – Discrete Mathematics – Discrete Applied Mathematics – Symposium on Computational Geometry – Symposium on Discrete Mathematics.