Mohamed Moakher

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Civil Status

Born on the 1$^{\text{st}}$ of June 1996 in New Brunswick, New Jersey, USA.

Nationality : Tunisian and American

Education

2021-2024	PhD in mathematics at University Paris 8 (advisor : Prof. Stefano Morra)
2019-2020	Master 2 in fundamental mathematics at Sorbonne Université
. 2018-2019	Master 1 in advanced mathematics at École Normale Supérieure de Lyon.
2017-2018	Bachelor in mathematics at École Normale Supérieure de Lyon.
2015-2017	Training in mathematics and physics for France's top engineering schools entrance exam at l'institut préparatoire aux études scientifiques et techniques (IPEST) in Tunisia.

Preprints

2023	*Symplectic determinant laws and invariant theory* (joint with J.Quast).

Internships

Febuary-May 2021	Internship on Symmetric power functoriality for modular forms at King's College London (supervisor : Prof. James Newton).
May-August 2020	Internship on the "Taylor-Wiles-Kisin" method at University Paris 13 (Supervisor : Prof. Stefano Morra).
May-July 2019	Internship on Perfectoïd Spaces at University of Milan (Supervisor : Prof. Fabrizio Andreatta)
June-July 2018	Internship on Hyperbolic geometry and Riemann surfaces at Elie Cartan Institute, University of Lorraine (Supervisor : Prof. Bruno Duchesne).

Activities

July 2022	Summer school on the Langlands program at IHES, Bures-sur-Yvette, France.
June 2022	Summer school "Franco-Asian Summer School on Arithmetic Geometry" at CIRM, Luminy, France.
December 2020	Winter school "Recent developments around p-adic modular forms at ICTS, Bengaluru, India.
June 2019	Summer school "Arithmetic Geometry in Carthage", in Carthage, Tunisia.
January 2019	Master Class "Groupes et Géométries" at CIRM, Luminy, France.

Teaching

Fall 2022	Introduction to Number theory for 2nd year undergraduates at University Paris 8
Fall 2022	Introduction to algebraic geometry for 1st year master students at University Paris 8 (together with Prof. Stefano Morra)
Fall 2021	Introduction to Number theory for 2nd year undergraduates at University Paris 8
Fall 2021	Introduction to algebraic geometry for 1st year master students at University Paris 8 (together with Prof. Stefano Morra)