



OMAR MOHSEN

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SCIENTIFIC CAREER

Maître de conférence (research/teaching position) <u>University of Paris-Saclay</u>	September. 2021 – Current France
Postdoc University of Muenster	September. 2019 – August 2021 Germany
ATER (Teaching Position) Sorbonne Paris Cité	October 2018 – August 2019 France

EDUCATION

Habilitation Defended on 03 February 2025 at University of Paris-Saclay	2025 France
PhD <i>Thesis defended in October 2018 under the direction of <u>G. Skandalis</u></i> Sorbonne Paris Cité. More details here	2015 – 2018 France
ENS Diplome École normale supérieure de Paris	2012 – 2015 France
Master University of Paris-Saclay	2013 – 2015 France

SCIENTIFIC DISTINCTIONS

Our work on Helffer-Nourrigat's conjecture will be presented in a Bourbaki seminar by <u>Debord</u>	2025
Medal from the faculty of Science Cairo university	2024
<u>Prix Peccot from Collège de France</u>	2024
<u>Prix Jacques Herbrand from the french academy of sciences</u>	2024

GRANTS

RIPEC C3 Research grant	2024-2027 France
ANR <u>Part of the ANR team OPART</u>	2023 France
Région Ile de France, FSMP PhD Scholarship	2015-2018 France
Fondation Sciences Mathématiques de Paris (FSMP) Master's Scholarship	2013-2015 France
Fondation Mathématiques Jacques Hadamard (FMJH) License Scholarship	2012 France

SUPERVISION

Enzo Tanguide	2025 M2
<u>Julie Capron, Oleksii Shulga, Quentin Casella, Enzo Tanguide</u>	2024 M1
Moudrik Chamoux	2024 M2
<u>Anatole Dedecker</u>	2023 M1
<u>Matiss Brunel, Quentin Giton, Flore le Roux</u>	2022 L3

SCIENTIFIC EVALUATION

I was referee for the following journals: Advances in Mathematics, Annales de l'Institut Fourier, Annales Henri Lebesgue, Astérisque, Bulletin des sciences mathématiques, Communications in Partial Differential Equations, Comptes rendus de l'académie des sciences, Crelle journal, Journal of Differential Equations, Journal of Geometric analysis, Journal of Geometry and Physics, Journal of noncommutative geometry, Math. Ann. , Muenster journal of mathematics, Pacific Journal of Mathematics

ADMINISTRATIVE RESPONSIBILITIES

Member of the Orsay laboratory of mathematics advisory committee	2023-2025
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SCIENTIFIC RESPONSIBILITIES

Bernoulli Center for Fundamental Studies	2025
Organization member with F. Nier, S. Shen, T. Lelievre for the prgram New trends and applications around generalized Fokker-Planck operators More details here	Switzerland
<u>Member of PhD defense of Clement Cren under the direction of J.-M. Lescure</u>	2023 France
<u>Summer school YMC* A, Organization member</u>	2021 Germany
PhD students seminar Paris Diderot, Organization member	2017 France
Work group on Atiyah-Singer index theorem	2014
I organized a work group in the ENS following « Seminar on Atiyah-Singer index theorem » by R. S. Palais	France

TEMPORARY VISITING POSITIONS

IHES	Duration: 6 months, in 2024
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LANGUAGES

Arabic (Mother Language), English (Fluent), French (Advanced)