



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

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
<u>Prix Peccot from Collège de France</u>	2024
<u>Prix Jacques Herbrand from the french academy of sciences</u>	2024

GRANTS

ANR <u>Part of the ANR team OPART</u>	2023 France
Région Ile de France, FSMP PhD Grant	2015-2018 France
Fondation Sciences Mathématiques de Paris (FSMP) Scholarship	2013-2015 France
Fondation Mathématiques Jacques Hadamard (FMJH) Scholarship	2012 France

SUPERVISION

<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

SCIENTIFIC AND ADMINISTRATIVE RESPONSIBILITIES

Bernoulli Center for Fundamental Studies 2025

Member of the organization committee with F. Nier, S. Shen, T. Lelièvre for the program

"New trends and applications around generalized Fokker-Planck operators" Switzerland

Member of PhD defense of Clement Cren under the direction of J.-M. Lescure 2023 France

Summer school YMC* A, Organization member 2021, Germany

PhD students seminar Paris Diderot, Organization member 2017-2018, 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

LANGUAGES

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