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Update: December 17, 2024

Positions

University of Southern Denmark (SDU)

Odense, Denmark

Post-Doc at Centre for Quantum Mathematics

2022-Present

Mentor: Vivek Shende

Education

Université Grenoble Alpes

Grenoble, France

Ph.D. in Mathematics

2019-2022

Thesis: Sheaf Techniques and Symplectic Geometry

Advisor: Damien Gayet, Stéphane Guillermou and Claude Viterbo

Université Grenoble Alpes

Grenoble, France

M2R Mathematics and applications

2018-2019

Advisor: Stéphane Guillermou

Academy of Mathematics and Systems Science, CAS

Beijing, China

MS in Fundamental mathematics

2015-2018

Advisor: Wei-dong RUAN (阮卫东)

Hunan University

Changsha, Hunan, China

BS in Mathematics and applied mathematics

2011-2015

Advisor: Jun LI (李军)

Academy Papers

○ Non-linear microlocal cut-off functors

Preprint: arXiv 2406.02725. To appear in Rend. Sem. Mat. Univ. Padova.

○ On the Hochschild cohomology of Tamarkin categories

Joint with Christopher Kuo and Vivek Shende. Preprint: arXiv 2312.11447. Submitted.

○ Contact non-squeezing at large scale via generating functions

Joint with Maia Fraser and Sheila Sandon. Preprint: arXiv 2310.11993. Submitted.

○ Idempotence of microlocal kernels and S^1 -equivariant Chiu-Tamarkin invariant

Preprint: arXiv 2306.12316.

○ Capacities from the Chiu-Tamarkin Complex

Journal of Symplectic Geometry, 22(3) (2024), pp. 441-524.

Awards

2018: IDEX M2 Scholarship of Université Grenoble Alpes.

2015: Excellent New Student Scholarship, AMSS, CAS.

2014: Shiing-Shen Chern (Geometry and Topology) Silver Award, S.T.Yau College Student Mathematics Contests.

Skill

Cooking: Intermediate

I would like to be a chef if I don't want to do math anymore.

Chinese: Mother tongue

English: Intermediate

French: Beginner

Maybe nothing