



Name: Adrien Currier

Phone: (+86)1 88 01 12 91 70

Email: adrien.currier@pku.edu.cn

ORCID: 0009-0004-5776-3188

Birth: 07/06/1995 in Hyères, France

Updated on: 2025/09/13

Nationality: French/US

I List of Publications

- “Morse-Novikov homology and β -critical points”. In: arXiv (2025). Submitted for publication.
- “On the projection of exact Lagrangians in locally conformally symplectic geometry”. In: arXiv (2025). Submitted for publication.
- “A couple of tools for the study of Lagrangian submanifolds in cotangent bundles with locally conformally symplectic structure”, thesis.

II Employment

2025/-ongoing-: Post-doc. Employer: Peking University.

2023/2025: ATER (fixed-term full-time job, half teaching, half research). Employer: Nantes Université.

- PhD defense (25/09/2024)

2020/2023: PhD (fixed-term job). Employer: CNRS.

- Organizer of the PhD seminar (2021/2022)
- Organizer of the New Arrivals Day (a day of seminars about mathematical research to spread awareness of the research interests of people in other fields)

III Languages

French, English and German

->2017: CAE (Cambridge English Advanced), level C2.

->2011: German diploma (Deutsches Sprachdiplom), level B1.

IV Degrees and awards

2024: PhD

V Education

2020/2024: PhD thesis (“Quantification of Lagrangian submanifolds in locally conformally symplectic cotangent bundles”), Laboratoire de Mathématiques Jean Leray, Université de Nantes.

- March and May 2023: research visit to Université de Montréal.

2019/2020: Last year of the Ecole Normale Supérieure de Lyon (ENS de Lyon) diploma. This is a four-year diploma spanning the last year of the bachelor's degree, the two years of the master's degree and a one-year research project (referenced as "Projet Long de Recherche"). See the Internships section.

2018/2019: Second year of Master, "geometry and group actions" of the Advanced Mathematics curriculum at the ENS de Lyon. ->2019: Master's in mathematics.

2017/2018: First year of Master; "Mathématiques générales" (general mathematics) at the Université Claude-Bernard Lyon 1/ENS de Lyon.

2016/2017: Bachelor 3 in "Mathématiques fondamentales" (fundamental mathematics) at the ENS de Lyon. Start of the ENS de Lyon diploma.

->2017: Bachelor's degree in Fundamental Mathematics.

2015/2016: Second year of "Cursus Préparatoire aux Concours des Grandes Ecoles d'Ingénieurs" (CPCGEI) at the Université Claude-Bernard Lyon 1. This is the cursus for competitive entrance examinations for the "Grandes Ecoles". The entrance examination to the ENS de Lyon is such an examination.

2014/2015: CPCGEI 1st year, Université Claude-Bernard Lyon 1.

2013 /2014: Ecole du Service Santé des Armées (military medical school), PACES year, Université Claude-Bernard Lyon 1.

- PACES competitive examination: adjourned (the first 300 out of 2400 are admitted); year validated.

->2013: Baccalauréat, section S (Scientific); Specialty: SVT (Natural Sciences); Special courses: Mathematics; Options: Latin and ancient Greek. Honors: Summa Cum Laude.

- Competitive Exam for the Ecole du Service Santé des Armées (military medical school): admitted (rank 52; 110 admitted out of 1800 candidates).

VI Internships

January-July 2020: Long Research Project, Cambridge University, with Prof. Rasmussen, subject: Floer-type homologies for 3-dimensional manifolds with boundaries.

April-August 2019: Research internship, MTA Rényi Alfréd Matematikai Kutatóintézet, with Prof. Stipsicz, subject: knot theory, Khovanov homology, Heegaard-Floer Homology.

January-June 2018: Research internship, Université Claude-Bernard, with Prof. Welschinger, subject: classification of lens spaces up to homotopy type.

June-July 2017: Research internship, Université d'Aix-Marseille.

June 2014: Nurse internship, Hôpital Laveran (Laveran Hospital), Marseille.