



Chuan QIN

Curriculum Vitae

Education

- 2024- **Postdoc**, Supervisor: Huayi Chen, Institute for Theoretical Sciences, Westlake University, Hangzhou, Zhejiang
- 2023–2024 **CTER position**, 4th year of thesis with teaching responsibilities, Palaiseau, Ecole Polytechnique
- 2020–2024 **Ph.D.**, preparing for Ph.D. thesis, funded by ED386 during 2020-2023, IMJ-PRG, Advisors: Anne-Marie Aubert & Ramla Abdellatif, Sorbonne Université (Paris VI)
- 2019–2020 **Master 2**, M2 Algèbre, théorie des nombres et applications, Amiens, Université de Picardie Jules Verne
diplome obtained, Mention: **Très Bien**
- 2018–2019 **Master 2**, M2 Arithmétique, Analyse, Géométrie, granted with Bourses Master Sophie Germain, Orsay, Département de Mathématiques d'Orsay
diplome obtained, Mention: **Assez Bien**
- 2017–2018 **Master 1**, M1 Mathématiques et applications, granted with Bourses Master Sophie Germain, Palaiseau, Ecole Polytechnique
- 2013–2017 **Undergraduate**, Shanghai Jiao Tong University, Shanghai, Zhiyuan College, math special class

Research Work

- Titre *Involution for representations of Hecke algebras*, Ph.D. thesis, defended on 11 September 2024

Other Mathematical Writings

- Titre *Some special cases of Kottwitz conjecture*, M2 Mémoire in UPJV 2020
Supervisor Anne-Marie Aubert & Ramla Abdellatif
- Titre *Some Notes on Local Langlands Correspondence*, M2 Mémoire in Orsay 2019
Supervisor Anne-Marie Aubert
- Titre *Semisimple Lie Algebras*, M1 Mémoire 2018
Supervisor Benjamin Schraen
- Titre *The Picard functors*, course report in Courbes modulaires, Orsay 2020

Recent Seminar Talks

- Involution pour les représentations des algèbres de Hecke, 10 octobre 2024, Séminaire de Poitiers, Université de Poitiers
- Involution for the representations of Hecke algebras, 3 octobre 2024, Séminaire GAT LAMFA,

- Université de Picardie Jules Verne
- On the involution of an affine Hecke algebra, 18 octobre 2023, Séminaire d'algèbre et arithmétique, CMLS Ecole Polytechnique Palaiseau
 - An introduction to Hecke algebras and their representations, 4 May 2022, Séminaire doctorant, Université de Picardie Jules Verne

Some Conferences or Workshops Attended

- Winter School on Shimura Varieties, December 27 - 31, 2024, CICM, Wuhan University
- Representations of p-adic Groups and the Langlands Correspondence, in honor of Colin Bushnell, September 2 - 4, 2024 at King's College London
- (Online participant) Arthur packets, November 5 - 10, 2023, IASM Hangzhou, China
- Geometric and categorical representation theory, 23 - 27 Oct 2023
- Representations of reductive p-adic groups, L-functions and relative matters : a conference in honor of Guy Henniart Amiens 11-14 septembre, 2023
- Representation Theory, Harmonic Analysis and Spherical Varieties Porquerolles/Marseille 19-23 June, 2023
- Workshop "Langlands Program: Number Theory and Representation Theory", Casa Matematica Oaxaca (CMO), Mexico, du 27 Novembre au 2 Décembre 2022
- Conference "Community-building in the Langlands Program" (CLAP) in Bonn, August 13 until August 28 2022, Bonn
- 2022 Summer School on the Langlands program, IHES
- Le Séminaire Mathjeunes, groupes de travail organisé par des docteurs en île-de-France

Teaching Experiences

- | | |
|-----------|---|
| 2023-2024 | MAT451: Introduction à la théorie de Galois , <i>Ecole Polytechnique</i> , X-AN2-P3, Tutorat (Q&A session)
9 h |
| 2023-2024 | MAA206: Euclidean and Hermitian spaces , <i>Ecole Polytechnique</i> , S4, 2 groups
56 h |
| 2023-2024 | MAA201: Linear Algebra II , <i>Ecole Polytechnique</i> , S3, 2 groups
56 h |
| 2022-2023 | Algèbre linéaire et bilinéaire I , <i>Sorbonne University</i> , L2, 1 group
36 h |
| 2022-2023 | Mathématiques pour les études scientifiques II , <i>Sorbonne University</i> , L1, 1 group + substitute for a colleague
42.1 h |
| 2021-2022 | Mathématiques pour les études scientifiques II , <i>Sorbonne University</i> , L1, 1 group
36 h |

Languages

- | | |
|---------|----------------------------|
| English | C1: IELTS 7.0 |
| French | B1: Delf B1 passed in 2017 |
| Chinese | Mother language |