Chen-Wei (Milton) Lin

email: clin130@jhu.edu

Education

Ph.D. of Mathematics, Johns Hopkins University, 2019-Present
Supervisor: David Gepner.

Masters of Mathematics, University of Oxford, 2018-2019
Dissertation Topic: Index of Operators and KK-theory. Supervisor: Dr. Andre Henriques.
Fourth year examinations, ranked 4th in cohort, best dissertation.

BA Mathematics, University of Oxford, 2015-2018
Supervisors: Prof. Glenys Luke, Dr. Tom Sanders.
Preliminary Examinations, ranked Top 10 of approx. 200 students.
Third Year Examinations, ranked Top 10 of approx. 150 students.

Awards and honors

Gibbs Dissertation Prize for Mathematics
Awarded by the Oxford Mathematical Institute, 150GBP award.
One or two prizes each year for best Masters of Mathematics dissertation.
Alison Sheppard Prize for Mathematics
Awarded by St Hugh's College, Oxford, 350GBP award.
Third year mathematician with highest first class in College.
St Hugh's College Scholarship Award
Awarded by St Hugh's College, Oxford, 200 GBP award each year.
First Class Honors in each year.

Seminars/talks I have given

2022
Heegner points study group, JHU, on *Selmer structures and duality*.
Derived deformation theory seminar, JHU, three talks on *Calegari-Geraghty method in modularity lifting*.
Jacquet Langlands Correspondence student seminar, JHU, four talks.
2021
eCHT Hermitian K-theory, on Poincaré categories.
Category theory seminar, on differential cohomology and cohesive topoi.
Derived deformation theory seminar, JHU, on formal moduli problems.
Learning Seminar on Stack of Langlands Parameter, joint with U Chicago, on representation stacks.
Non-archimedean study group, on *Formal schemes and rigid generic fiber*.
2020
DaFra Seminar on Condensed mathematics, a talk on *Solid Abelian Groups*.
Étale homotopy study group, Kings College London, a talk on *Étale homotopy obstruction*.
Topological Hochschild Homology Seminar, UIC, two talks on *Construction of THH*.
Spectral Algebraic Geometry Seminar, UIC, two talks on *Spectrally Ringed ∞-Topoi*.
eCHT Kan Fall Seminar, two talks on chapter 1 of *A Survey of Elliptic Cohomology, J. Lurie*.
Number Theory Seminar, Uni. of Melbourne, two talks on *Contragredient representations*.
Oberseminar, Uni. of Regensburg, a talk on *The p-complete Frobenius*.

2019

Masters presentation, Uni. of Oxford; a talk on *The Atiyah Singer-Index Theorem.*
Reading Group, Uni. of Oxford; talk on *Model Categories, Dwyer and Saplinski.*

Conferences/schools

2023 - will attend

The arithmetic of Langlands Program, University of Bonn, Germany, May 1st -14th.
Non-archimedean geometry and eigenvarieties, University of Heidelberg, Germany, March 6th - 17th.
Topological Hochschild Homology and Zeta Values, January 30th - February 3rd.

2022

APAW, A pair of automorphic workshops, Oregon, July.
Motives and arithmetic groups, summer school in Strasbourg, June.
Workshop on Derived Geometry, CIRM Barcelona.

2020

MSRI Higher Categories and Categorifications, Jan-March.