Local Systems in Algebraic Geometry

All talks take place in CH (Cockins Hall) 240.

1. Tuesday May 7

- 9:20-9:30 Welcome
- 9:30-10:30 Christian Klevdal, Litt background #1: the classical Riemann-Hilbert correspondence.
- 10:30-11:00 Coffee break (MW 724)
- 11:00-12:00 Litt #1
- 12:00-1:30 Lunch
- 1:30-2:30 Gleb Terentiuk, Petrov background #1: Étale fundamental groups and local systems
- 2:30-3:00 Coffee break (MW 724)
- 3:00-4:00 Petrov #1

2. Wednesday May 8

- 9:30-10:30 Yilong Zhang, Litt background #2: Variations of Hodge structure and Higgs bundles
- 10:30-11:00 Coffee break (MW 724)
- 11:00-12:00 Litt #2
- 12:00-1:30 Lunch
- 1:30-2:30 Alice Lin, Petrov background #2: p-adic Hodge theory
- 2:30-3:00 Coffee break (MW 724)
- 3:00-4:00 Petrov #2
- 4:15:5:15: Poster session (MW 724)
- 5:30-7:30: Conference dinner (MW 724)

3. Thursday May 9

- 9:30-10:30 Jake Huryn, Litt background #3: Rigid local systems
- 10:30-11:00 Coffee break (MW 724)
- 11:00-12:00 Litt #3
- 12:00-1:30 Lunch
- 1:30-2:30 Zeyu Liu, Petrov background #3: Rigid-analytic geometry
- 2:30-3:00 Coffee break (MW 724)
- 3:00-4:00 Petrov #3
- 4:00-4:15 Break
- 4:15-5:15 Ziquan Yang, Litt background #4: Algebraic differential equations in characteristic $p > 0$

4. Friday May 10

- 9:20-10:20: Litt #4
- 10:20-10:40 Coffee break (outside CH 240)
- 10:40-11:40 Andy Jiang, Petrov background #4: More on variations of Hodge structures, period maps
- 11:40-12:00 break
- 12:00-1:00 Petrov #4