

# UNION COLLEGE MATHEMATICS CONFERENCE

*Union College currently has a mandatory mask policy in all classroom and lab settings.  
Masks are recommended in all other settings.*

## Friday

3:15–4:30 pm: Session I

- Stochastic Analysis and Applications (ISEC 187)

4:30–5:30 pm: Reception and registration (Olin Rotunda)

## Saturday

7:30–8:00 am: Coffee and pastries, registration (Olin Rotunda)

8:00–9:00 am: **Tai Melcher**: *Large deviations for sub-Riemannian random walks* (Olin 115)

9:00–10:30 am: Session II

- Applied Topology (ISEC 218)
- Algebraic Topology (Bailey 207)
- Differential Geometry and Geometric Analysis (ISEC 220)
- Rings and Algebras (Bailey 201)
- Stochastic Analysis and Applications (ISEC 222)

10:30–11:00 am: Coffee Break (Olin Rotunda)

11:00 am–12:00 pm: **Yusu Wang**: *Weisfeiler-Lehman Meets Gromov-Wasserstein* (Olin 115)

12:00–2:00 pm: Lunch break

12:00–2:00 pm: Women in Mathematics Lunch Panel<sup>1</sup> (Bailey 207)

2:00–4:00 pm: Session III

- Applied Topology (ISEC 218)
- Algebraic Topology (Bailey 207)
- 3:00–3:50 pm: **Kate Ponto**: *Euler characteristics in algebra and topology* (Bailey 207)
- Differential Geometry and Geometric Analysis (ISEC 220)
- Rings and Algebras (Bailey 201)
- Stochastic Analysis and Applications (ISEC 222)

4:00–4:30 pm: Coffee Break (Olin Rotunda)

4:30–5:30 pm: **Claude LeBrun**: *Four-Manifolds, Conformal Curvature, and Differential Topology* (Olin 115)

5:45 pm: Group Photo in front of Nott Memorial

6:00–8:30 pm: Conference Dinner (Hale House) Cash bar only, no credit cards<sup>2</sup>.

(Turn the page for Sunday's program)

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<sup>1</sup>Only open to people who pre-registered for this event.

<sup>2</sup>There is an ATM in Reamer Campus Center.

## Sunday

8:00 – 9:00 am: Coffee and pastries, registration (Olin Rotunda)

8:30–11:00 am: Session IV

- Applied Topology (ISEC 218)
- Algebraic Topology (Bailey 207)
- Differential Geometry and Geometric Analysis (ISEC 220)
- Rings and Algebras (Bailey 201)
- Stochastic Analysis and Applications (ISEC 222)

11:00–11:30 am: Coffee Break (Olin Rotunda)

11:30 am–12:30 pm: **Sergio Lopez-Permouth:** *Collaborations among binary operations* (Olin 115)

12:30–2:00 pm: Lunch break

2:00–3:00 pm: Session V

- Stochastic Analysis and Applications (ISEC 222)

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### Wifi connection on campus

Network: ConferenceGuest-WiFi

Passcode: CentSch21