

Seminar: Hida Theory (Spring 2026)

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January 28, 2026

1 Logistics

- When: Mondays, 2:40-3:45 PM ET
- Where: Math 622
- Organizer: Xiaorun Wu

a Meal Policy

This seminar is a department-funded, student-run seminar; we will be having dinner after the seminar weekly. Emails will be sent out to participants who signed up for the mailing list. **Please respond to weekly email if you plan on joining the seminar dinner.** Dinners are on a first-come, first-served basis, in the order in which the responses are received.

2 Syllabus (To be updated throughout the semester)

- a **Module 1 (8-9 Weeks): Hida Theory: Introduction and basic version**
 - 1. Week 1: Congruences of cusp forms and special values of their zeta functions **Speaker: Xiaorun Wu**
- b **Module 2 (2-3 Weeks): Hida Control Theory**
- c **Module 3 (2 Weeks): Higher Hida Theory**