The Hebrew University of Jerusalem
Einstein Institute of Mathematics

האוניברסיטה העברית בירושלים
מכון איינשטיין למתמטיקה

One-day Symposium in Number Theory

Wednesday, March 2, 2022| Manchester Building, Hall 2

9:00-09:30   **Welcome**

9:30-10:30   **Ari Shnidman (Hebrew University):**
Special values of L-functions and Manin-Drinfeld cycles.

10:30-11:00   **Coffee Break**

11:00-12:00   **David Lilienfeldt (Hebrew University):**
Heegner cycles in Griffiths groups of Kuga-Sato varieties.

12:15-13:15   **Zev Rosengarten (Hebrew University):**
Moduli spaces of morphisms into solvable algebraic groups.

13:30-14:30   **Lunch**

14:30-15:30   **Ariel Weiss (Ben-Gurion University):**
Rank growth of elliptic curves over N-th root extensions.

16:00-17:00   **Henri Darmon (McGill University):**
On the "analytic proof" of Gross-Zagier for the factorization of the differences of singular moduli.

- Lunch will be served in the lobby in front of Lecture Hall 2 to the participants.
- The Symposium will be recorded and broadcast on Zoom in real time. A link will be advertised a week before the event.
- Due to the pandemic, participants may be asked to show proof of vaccination (Green Pass), and are kindly requested to wear masks and keep the 2 meter distancing during lectures.
- People interested in attending the symposium who need accommodation in Jerusalem on the night before the event, are asked to write to the organizers.
- If you intend to attend the symposium, please register: https://forms.gle/kMrjzJ7th6Ad8LWL7. This will help us to plan ahead of time.
- Sponsored by the Einstein Institute Research Center in Mathematics.
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