

המחלקה למתמטיקה, בן-גוריון

2026 Day Excellence

- site on buffet Lunch 13:00-14:00
- Sciences. Natural of Dean Lemcoff, Gaby Prof. by Greetings 14:05
- Sternheimer, Daniel Lin, Michael remarks: Opening 14:10
- and Shtotland Guy students Ph.D. to certificates Excellence of Award 14:20
- of school Kreitman of Dean Braun-Lewensohn, Orna Prof. by Ron Liran
- . Lemcoff Dean and studies advanced
- **isomorphism The University** (Hebrew , *Weiss Benjy Prof.* lecture: Honorary 14:30
- **theory ergodic in problem**
- Mathematics 2026 the for prizes the present will Hartman Yair Prof. 15:40
- Khudadadi Shahr and place) (first Even Har Itamar to competition video
- place). (second
- video. winning the of Even Har Itamar by Presentation 15:45
- Noriko the of recipient the Introducing Meyerovitch, Tom Prof. 15:50
- Sternheimer. Prof. by presented Prize Post-Doc. excellent for prize Sakurai
- Young Aidan Dr. recipient prize Sakurai Noriko 2026 the by Lecture 15:55
- **graphs on games and radii Covering** : *Title*
- from arising quantity a is space shift a of radius covering The : *Abstract*
- describe will We theory. information in codes error-correcting of study the
- translating methods, game-theoretic by computed be can quantities these how
- graphs. on game zero-sum two-player a of payout the into quantity the
- Meyerovitch Tom with work joint on Based

the of recipient the Sapir, Eitan Mr. introducing Golan, Gili Prof. 16:20 •
Prof. by presented Prize thesis. Master excellent for Prize Harzfeld Zabey-
Lin.

certificates recognition present will Eizenbod Entova- Inna Professor 16:25 •
Competition Math. International 2025 the to team BGU the to department the by
Sharfiie Roei ,Arieh Gur Yarden prize), third (won *Ofek Gilad* students. for
commendation). a (received *Nave Iftah* and

the present will Cohen Adaya Mrs. and Eizenbod Entova- Inna Prof. 16:30 •
Ifrah Yasmin to department the in student high-school for prize Cohen Mia

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המחלקה למתמטיקה
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**The Department of Mathematics
and the Center of Advanced Studies in Mathematics
announce the 2026 Miriam Cohen Mathematics Excellence Day**

**Honorary guest lecturer: Prof. Benjy Weiss,
2026 Mathematics Israel Prize recipient**

Awards of the Noriko Sakurai prize and the Zabey- Harzfeld prize

***Tuesday, June 30 at 13:00, at the Deichmann building for Mathematics (58),
Seminar room -101***

Program

13:00-14:00 Lunch buffet on site

14:05 Greetings by Prof. Gaby Lemcoff, Dean of Natural Sciences.

14:10 Opening remarks:

Prof. Michael Lin,

Director of the Center of Advanced Studies in Mathematics

Prof. Daniel Sternheimer,

Universities of Rikkyo (Japan) and Bourgogne (France)

14:20 Award of **Excellence certificates to Ph.D. students Guy Shtotland and Liran Ron by Prof. Orna Braun-Lewensohn, Dean of Kreitman school of advanced studies and Dean Lemcoff.**

- 14:30 **Honorary lecture:**
Prof. Benjy Weiss, (Hebrew University)
 Title: *The isomorphism problem in ergodic theory*
 Abstract: Ergodic theory is mainly the study of measure preserving transformations of a measure space.
 The isomorphism problem is the problem of determining when two such transformations are isomorphic.
 I will give some highlights of its history which goes back to a fundamental paper of J. von Neumann in 1932. Recent results, which show in a rigorous fashion why the problem is so difficult will also be described.
- 15:40 Prof. Yair Hartman will present the prizes for the 2026 Mathematics video competition to Itamar Har Even (first place) and Shahar Khudadadi (second place).
- 15:45 Presentation by Itamar Har Even of the winning video.
- 15:50 Prof. Tom Meyerovitch, Introducing **the recipient of the Noriko Sakurai prize for excellent Post-Doc**. Prize presented by Prof. Sternheimer.
- 15:55 Lecture by the **2026 Noriko Sakurai prize recipient Dr. Aidan Young**
 Title: *Covering radii and games on graphs*
 Abstract: The covering radius of a shift space is a quantity arising from the study of error-correcting codes in information theory. We will describe how these quantities can be computed by game-theoretic methods, translating the quantity into the payout of a two-player zero-sum game on graphs. Based on joint work with Tom Meyerovitch.
- 16:20 Prof. Gili Golan, introducing **Mr. Eitan Sapir, the recipient of the Zabey- Harzfeld Prize for excellent Master thesis**. Prize presented by Prof. Lin.
- 16:25 Professor Inna Entova- Eizenbod will **present recognition certificates by the department to the BGU team to the 2025 International Math**. Competition for students. Gilad Ofek (won third prize), Yarden Gur Arie, Roei Sharif and Ifrah Nave (received a commendation).
- 16:30 Prof. Inna Entova- Eizenbod and Mrs. Adaya Cohen will present **the Mia Cohen prize for high-school student in the department to Yasmin Ifrah**

You are cordially invited

Professor Michael Lin and Professor Ariel Yadin

Time: יוני 30, 13:00–17:00, 2026

Location: 101-

Web: <https://www.math.bgu.ac.il/research/events/excellence-day-2026>