Shay Ben Moshe

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EDUCATION

The Hebrew University of Jerusalem, Jerusalem, Israel

Ph.D. Candidate, Mathematics, July 2019 (expected graduation: July 2024)
- Advisor: Tomer Schlank

The Hebrew University of Jerusalem, Jerusalem, Israel

M.Sc., Mathematics, October 2016 to July 2019
- Dissertation Topic: Towards Computation of HKR Generalized Characters at Height 2
- Advisor: Tomer Schlank
- First year during military service

The Hebrew University of Jerusalem, Jerusalem, Israel

B.Sc., Mathematics, October 2012 to July 2016
- Studied during military service

HONORS AND AWARDS

Klein Prize for Excellence in M.Sc. studies, Hebrew University, 2018

Klein Prize for Excellence in M.Sc. studies, Hebrew University, 2017

ORGANIZATION

Seminar on Computational Aspects of Chromatic Homotopy, Hebrew University, 2019.

CONFERENCE TALKS

Hopkins-Kuhn-Ravenel Generalized Character Theory, Caesarea Workshop on Morava E-Theory. Caesarea Maritime Center, Israel, June 2019.

Exit-path ∞-categories, Caesarea Workshop on Factorization Homology and The Cobordism Hypothesis. Caesarea Maritime Center, Israel, June 2018.

The Algebraic Properties of Formal Group Laws, Caesarea Workshop on Complex Cobordism, The Nilpotence Conjecture, and Chromatic Homotopy Theory. Hebrew University, June 2017.

SEMINAR TALKS

Prisms, Prismatic Cohomology Seminar. Hebrew University, 2019.

∞-Categories and Spectra, Kan Seminar. Hebrew University, 2019.

Topological Modular Forms and Homotopy groups of TMF, Seminar on Computational Aspects of Chromatic Homotopy. Hebrew University, 2019.

Galois Descent, Picard Groups and the $K(n)$-local Category, Seminar on Computational Aspects of Chromatic Homotopy. Hebrew University, 2019.

Chromatic Homotopy, Nilpotence, and the Thick Subcategory Theorem, Seminar on Computational Aspects of Chromatic Homotopy. Hebrew University, 2019.

HHR Strategy for Kervaire Invariant One, Seminar on Equivariant Homotopy. Hebrew University, 2019.

Lubin-Tate Deformation Theory, Seminar on Nonabelian Chabauty. Hebrew Uni-

versity, 2018.

Neutral Tannakian Categories, Seminar on Nonabelian Chabauty. Hebrew University, 2018.

The Chromatic Picture, Seminar on Infinity Categorical Ambidexterity. Hebrew University, 2017.

The Existence of Morse Functions, Seminar on Morse Theory. Hebrew University, 2016.

K-Theory and Bott Periodicity, Seminar on Topics in Algebraic Topology. Hebrew University, 2015.

CONFERENCES ATTENDED

SPP 1786 Jahrestagung on Homotopy Theory and Algebraic Geometry. University of Duisburg-Essen, September-October 2019.

School on Motives and Stacks. University of Duisburg-Essen, September 2019.

Descent and Chromatic Homotopy Theory. Universite de Strasbourg, France, September 2019.

Young Topologists Meeting 2019. EPFL, July 2019.

Higher Algebra and Mathematical Physics. Max Planck Institute for Mathematics, August 2018.

Young Topologists Meeting 2018. University of Copenhagen, July 2018.

Caesarea Workshop on Factorization Homology and The Cobordism Hypothesis. Caesarea Maritime Center, Israel, June 2018.

Chromatic Homotopy Theory: Journey to the Frontier. CU Boulder, May 2018.

Caesarea Workshop on Complex Cobordism, The Nilpotence Conjecture, and Chromatic Homotopy Theory. Hebrew University, June 2017.

Caesarea Workshop on Parametrized Higher Category Theory, Parametrized Higher Algebra, and Parametrized Derived Algebraic Geometry. Caesarea Maritime Center, Israel, May 2016.