

## MINSEON SHIN

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<https://sites.math.washington.edu/~shinms/>

### APPOINTMENTS

- University of Washington (Seattle), postdoctoral scholar Jan 2020 – Sep 2023
- Max Planck Institute for Mathematics (Bonn), postdoctoral fellow Sep 2019 – Dec 2019

### EDUCATION

- University of California, Berkeley, Ph. D. in mathematics (Advisor: Martin Olsson) May 2019
- Massachusetts Institute of Technology, B. S. in mathematics (Phi Beta Kappa) Jun 2013

### INTERESTS

- Brauer groups of schemes and algebraic stacks
- Algebraic K-theory

### RESEARCH

- *Brauer groups of schemes* (with D. Krashen and M. Lieblich), preprint ([arxiv](#))
- *Locally free twisted sheaves of infinite rank* (with A. J. de Jong and M. Lieblich), *Doc. Math.* (2023), vol. 28, no. 1, 133–171 ([arxiv](#), [doi](#))
- *The  $\text{Br} = \text{Br}'$  question for some classifying stacks*, *Comm. Algebra* (2024), vol. 52, issue 2, 747–762 ([arxiv](#), [doi](#))
- *The cohomological Brauer group of weighted projective spaces and stacks*, *Pacific J. Math.* (2023), vol. 324, no. 2, 353–370 ([arxiv](#), [doi](#))
- *The cohomological Brauer group of a torsion  $\mathbb{G}_m$ -gerbe*, *Int. Math. Res. Not.* (2021), issue 19, 14480–14507 ([arxiv](#), [doi](#))
- *The Brauer group of  $\mathcal{M}_{1,1}$  over algebraically closed fields of characteristic 2*, *J. Pure and Applied Algebra* (2019), vol. 223, 1966–1999 ([arxiv](#), [doi](#))

### TALKS

- *The Brauer group of some algebraic stacks*: University of California, Berkeley (Jan 2018); University of Arizona (Dec 2018); Universität Düsseldorf (Oct 2019); University of Washington (Feb 2020)
- *Locally free twisted sheaves of infinite rank*: University of Washington (Oct 2021)

### CONFERENCES ORGANIZED

- Co-organizer of the Berkeley Undergraduate Number Theory Conference (Apr 2018, [link](#))

### TEACHING

- Instructor at University of Washington: Math 308 (linear algebra) in WI20, SP20, AU20, WI21; Math 402 (ring theory) in AU21, AU22; Math 403 (group theory) in WI22, WI23; Math 404 (field theory) SP22, SP23
- Graduate Student Instructor (teaching assistant) at University of California, Berkeley: Math 1A, Math 16A, Math 10B, Math 54

## HONORS

- Putnam 2010: rank 67, honorable mention

## REFERENCES

- Martin Olsson, [martinolsson@berkeley.edu](mailto:martinolsson@berkeley.edu)
- Max Lieblich, [lieblich@uw.edu](mailto:lieblich@uw.edu)
- Aise Johan de Jong, [dejong@math.columbia.edu](mailto:dejong@math.columbia.edu)
- Jarod Alper, [jarod@uw.edu](mailto:jarod@uw.edu)