

KATI KISH BAR-ON

Curriculum Vitae

Science, Technology and Society Program
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Education

- 2016-2022 Ph.D. in philosophy, the Cohn Institute for the History and Philosophy of Science and Ideas, Tel Aviv University.
- 2012-2014 M.A. in philosophy (*magna cum laude*), Tel Aviv University.
- 2009-2012 B.A. in economics and philosophy (*magna cum laude*), Tel Aviv University

Academic Appointments

- 2022-today Post-doctoral research fellow, the Science, Technology and Society Program, Massachusetts Institute of Technology, Cambridge, US.
- 2022 Short-term Visiting Lecturer (April-July), Technion, Department of Humanities and Arts, Israel.

Peer-reviewed Publications

1. Kish Bar-On, Kati, and Ehud Lamm. **2023**. "Neither human normativity nor human groupness are in our genes," *Perspectives on Psychological Science*, (forthcoming; invited).
2. Kish Bar-On, Kati. **2023**. "Connecting the revolutionary with the conventional: Rethinking the differences between the works of Brouwer, Heyting, and Weyl," accepted for publication in *Philosophy of Science*. <https://doi.org/10.1017/psa.2022.97>
3. Kish Bar-On, Kati, and Ehud Lamm. **2023**. "The Interplay of Social Identity and Norm Psychology in the Evolution of Human Groups," *Philosophical Transactions of the Royal Society B: Biological Sciences* 378: 20210412. <https://doi.org/10.1098/rstb.2021.0412>
4. Kish Bar-On, Kati. **2022**. "From Philosophical Traditions to Scientific Developments: Reconsidering the Response to Brouwer's Intuitionism," *Synthese* 200, 521. <https://doi.org/10.1007/s11229-022-03908-3>
5. Kish Bar-On, Kati. **2021**. "Towards a new philosophical perspective on Hermann Weyl's turn to intuitionism," *Science in Context*, volume 34(1): 51-68. <https://doi.org/10.1017/S0269889722000047>
6. Kish Bar-On, Kati. **2020**. "Obligations to whom, obligations to what? A philosophical perspective on the objects of our obligations." *Behavioral and Brain Sciences*, Volume 43, E58 <http://dx.doi.org/10.1017/S0140525X19002395>

Papers under review

“Mathematics and Society Reunited: The Social Aspects of Brouwer’s Intuitionism”

“What are Human Groups? Towards a dynamic concept of groups and identities”

Papers in writing

“How Ideas, Individuals, Science, and Society Interact: Insights from the story of Hermann Weyl” (with David Kaiser)

Books in progress

Living with Contradiction: Brouwer’s Intuitionism, Foundations of Mathematics, and the Nature of Scientific Change (under consideration in MIT Press)

Scholarships & Fellowships

- 2023-2025 Marie Skłodowska-Curie Actions Global Postdoctoral Fellowship. European Commission Horizon Europe. Project acronym: TOKMAT, project number 101108426.
- 2023-2024 The Edelstein center for the history and philosophy of science, technology and medicine fellowship, Hebrew University of Jerusalem (*waived*)
- 2022-2023 Rothschild fellowship, Yad Hanadiv
- 2022-2023 Technion Post-Doctoral fellowship (*waived*)
- 2016-2021 Scholarship for distinguished graduate students, Tel Aviv University

Grants, Prizes & Awards

- 2023 Amos Funkenstein Prize for a daring and highly original Ph.D. dissertation, the Cohn Institute for the History and Philosophy of Science and Ideas, Tel Aviv University
- 2022 NSF Travel Grant Award
- 2021 Award for best students’ publications in peer-reviewed journals, School of Philosophy, Linguistics and Science Studies, Tel Aviv University
- 2019 Travel grant, University of Tennessee
- 2017 Travel grant, Tel Aviv University

Presentations at Conferences and Workshops

- 2023 “Mathematics and Society Reunited: The Social Aspects of Brouwer’s Intuitionism”
 - The Center for Philosophy of Science, **University of Pittsburgh** (forthcoming)
- 2023 “What are Human Groups? Towards a dynamic view of groups and identities”
 - International Society for the History, Philosophy and Social Studies of Biology (ISHPSSB), **University of Toronto** (forthcoming)

- The History, Anthropology, and Science and Technology Studies program seminar, **Massachusetts Institute of Technology**
- 2023 “Hermann Weyl’s philosophy of physics”
- The annual MIT-Harvard-Princeton conference in the history of the physical sciences, **Princeton University**
- 2022 “The Social Triangle: How Norms, Social Identity, and Polarization Affect Each Other”
- The 2022 NoBeC Conference, Penn Center for Social Norms and Behavioral Dynamics, **University of Pennsylvania**
- 2022 “Mathematical realism and anti-realism: The place of intuitionism”
- The 21st conference of the **Israeli Society for the History, Philosophy and Sociology of Science**
- 2022 “Polarization, Social Norms, and Social Identity”
- The Cohn Institute for the History and Philosophy of Science and Ideas, **Tel Aviv University**
- 2022 “The Interplay of Social Identity and Norm Psychology in the Evolution of Human Groups”
- Center for Social Norms and Behavioral Dynamics, **University of Pennsylvania**
- 2022 “Connecting the revolutionary with the conventional: Rethinking the differences between the works of Brouwer, Heyting, and Weyl”
- The 15th Annual Cambridge Graduate Conference on the Philosophy of Mathematics and Logic, **University of Cambridge**
 - The Cohn Institute for the History and Philosophy of Science and Ideas, **Tel Aviv University** (2021).
- 2021 “How Much Change is Too Much Change? Rethinking the Reasons Behind the Lack of Reception to Brouwer’s Intuitionism”
- 27th Biennial Meeting of the **Philosophy of Science Association** (PSA), Baltimore.
- 2021 “The Social Construction of Mathematical Truth: Taking Intuitionism into Account”
- The **32nd Novembertagung** on the History and Philosophy of Mathematics.
- 2021 “The Interplay of Social Identity and Norm Psychology in the Evolution of Human Groups”
- **Cultural Evolution Society** (CES)
 - **Human Behavior and Evolution Society** (poster presentation)
 - 24th conference of the **New Israeli Philosophy Association**.
- 2020 “Towards a new philosophical perspective on Hermann Weyl’s turn to intuitionism”
- 23rd conference of the **New Israeli Philosophy Association**
 - 13th Biennial Congress of the International Society for the **History of Philosophy of Science** (HOPOS), Singapore (abstract accepted for presentation, conference canceled due to COVID-19.)

- 16th International **Congress on Logic, Methodology and Philosophy of Science and Technology** (CLMPST), Prague (2019).
- 2020 “Norms, values, and changing universals – How mathematicians change their minds about common and acceptable ideas or theories in the field”
 - Universals' Locales workshop, the **University of Edinburgh**.
- 2019 DySoC/NIMBioS Investigative Workshop on “Social norms: emergence, persistence, and effects”, **University of Tennessee**, Knoxville.
- 2017 “Rationality and Normativity”
 - The Munich Center for Mathematical Philosophy (MCMP), **LMU Munich** (poster presentation).

Teaching Experience

- Spring 2022 Teaching assistant, “The historical development of mathematics: from the Greeks to Newton”, Tel Aviv University
- Spring 2016 “Introduction to programming languages and computer science”; “Introduction to Indian Philosophy”, Tel Aviv University Youth Program (Noar Shoher Mada)
- Fall 2013 “Indian Philosophy – Advanced course”, Tel Aviv University, Department of Philosophy.
- 2008-2009 Kidum (former Lachman), Psychometric (SAT) test instructor

Teachers’ Training

- 2023 Kaufman Teaching Certificate Program, Teaching and Learning Lab, Massachusetts Institute of Technology

Academic Service

Reviewer for: Erkenntnis; History and Philosophy of Logic.

Workshop Organization & Administrative Experience

- 2022-2023 Co-organizer of *Mathematical Knowledge, Understanding, and Means* Reading Group, Tel Aviv University & MIT
- 2021-2022 Organizer and creator of *Mathematics, Culture, and Society* Reading Group & Discussion Club, the Cohn institute for the History and Philosophy of Science and Ideas, Tel Aviv University.
- 2019 Organizer and moderator, “Otherness, Responsibility, Equality and Solidarity: Perspectives on Cultural and Gender Perceptions in Social Space” conference, Tel Aviv University.

Membership in Professional Societies

Philosophy of Science Association

Philosophy of Mathematics Association

New Israeli Philosophy Association

Israeli Society for the History, Philosophy and Sociology of Science

Cultural Evolution Society

Human Behavior and Evolution Society

International Society for the History, Philosophy, and Social Studies of Biology

Non-academic Jobs

2013-2016 Software developer at Forcepoint, Israel.
Programming languages: Python, JAVA, JavaScript, ExtJS.

2010-2011 HTML and CSS developer at Check Point, Israel