

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

- 2022-2023 Post-doctoral Research fellow, the Science, Technology and Society Program, Massachusetts Institute of Technology, Cambridge, MA.
- 2022 Short-term Visiting Lecturer (April-July), Technion, Department of Humanities and Arts, Israel.

Peer-reviewed Publications

- 2023 Kish Bar-On, Kati, and Ehud Lamm. "Neither human normativity nor human groupness are in our genes," *Perspectives on Psychological Science*, (forthcoming; invited).
- 2023 Kish Bar-On, Kati, and Ehud Lamm. "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>
- 2022 Kish Bar-On, Kati. "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>
- 2022 Kish Bar-On, Kati. "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>
- 2021 Kish Bar-On, Kati. "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>
- 2020 Kish Bar-On, Kati. "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 in progress

“Brouwer’s Intuitionism Viewed Through a Social Prism: Language, Truth, and the Signific Circle” (to be submitted to *Studies in History and Philosophy of Science Part A* in February)

“What are Human Groups? Towards a dynamic concept of groups and identities” (in writing)

“Hermann Weyl’s philosophy of physics in context” (with David Kaiser, in writing)

Books in progress

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

Scholarships, Grants, and Awards

- 2022-2023 Rothschild fellowship, Yad Hanadiv
- 2022-2024 Technion Post-Doctoral fellowship (waived due to receiving Rothschild fellowship)
- 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
- 2016-2021 Scholarship for distinguished graduate students, Tel Aviv University

Presentations at Conferences and Workshops

- 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

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

Career Breaks

- 11/2016-05/2017 Maternity leave
- 07/2020-01/2021 Maternity leave