

פרופ' ימימה בן-מנחם

Higher Education

- 1983 Ph.D. in Philosophy, Hebrew University of Jerusalem
Dissertation: Paradoxes and Intuitions
Advisors: Prof. Hilary Putnam and Prof. Mark Steiner
- 1973 M.Sc. Philosophy of Science, Hebrew University of Jerusalem
Dissertation: The Statistical Interpretation of Quantum Mechanics
Advisors: Prof. Joan Bromberg and Prof. Yehuda Elkana
- 1970 B.Sc. Physics and Mathematics, Hebrew University of Jerusalem

Awards and Fellowships

- 1980-1981 Lady Davis Fellowship, Visiting Scholar Department of Philosophy,
Harvard University
- 1984-1987 Alon Fellowship

Career

- 2006-present Professor of Philosophy, Hebrew University of Jerusalem
- 2013 Sabbatical, Department of Philosophy, Sydney University
- 2005-2013 Director, The Edelstein Center for the History and Philosophy of
Science, Hebrew University of Jerusalem
- 1997-2006 Associate Professor, Hebrew University of Jerusalem
- 2003-2004 Sabbatical, Visiting Scholar Department of Philosophy, Harvard
University
- 2000-2001 Senior Fellow, The Dibner Institute MIT, Cambridge MA.
- 1989-1997 Senior Lecturer, Tenure, Hebrew University of Jerusalem
- 1987-1988 Sabbatical, Visting Scholar Program in the History and Philosophy of
Science, Stanford University

Organization of Academic Conferences and Presentations

- 2015 "Spacetime Theories: Historical and Philosophical Perspectives,"
Jerusalem

- 2012 “Between Physics and Biology: Reduction and Emergence,” Jerusalem and Tel Aviv [with Arnon Levy]
- 2011 “Mathematical Knowledge and Its Application,” Jerusalem and Tel Aviv [with Leo Corry and Carl Posy]
- 2008 “The Meaning and Role of Probability in Physics,” Jerusalem [with Meir Hemmo]
- 2003 “The Fact/Value Dichotomy,” Boston Colloquium for the Philosophy of Science, Boston [with Alfred Tauber and Juliet Floyd]
- 2000 “The Conceptual Foundations of Statistical Mechanics,” Jerusalem [with Itamar Pitowsky]

Publications – Refereed

Books

1. Conventionalism (Cambridge: Cambridge University Press, 2006). Reprinted as paperback edition in 2012.

Edited Books

1. Probability in Physics (Frontiers in Science Series) (Berlin: Springer, 2011). [with Meir Hemmo]
2. Contemporary Philosophy in Focus: Hilary Putnam (New York: Cambridge University Press, 2004). Reprinted as paperback edition in 2006.

Chapters in Books

1. “Borges on Replication and Concept Formation,” Stepping in the Same River Twice (Yale University Press, forthcoming).
2. “The Web and the Tree: Quine and James on Epistemology,” Quine and His Place in History (Palgrave, forthcoming).
3. “Revisiting the Refutation of Conventionalism,” The Philosophy of Hilary Putnam (The Library of Living Philosophers 34), Randall E. Auxier, Douglas R. Anderson, and Lewis Edwin Hahn, eds. (Chicago, IL: Open Court, 2015), pp. 451-478.
4. “Scepticism and Verificationism,” Logic Methodology and Philosophy of Science, Peter Schroeder-Heister, Wilfrid Hodges, Pierre Edouard Bour, eds. (Stanford, CA: Stanford University Press, 2014), pp. 285-298.

5. "Locality and Determinism: The Odd Couple," Probability in Physics (Frontiers in Science Series), Yemima Ben-Menahem and Meir Hemmo, eds. (Berlin: Springer, 2011), pp. 149-166.
6. "Meyerson on the Theory of Relativity," L'histoire et la philosophie des sciences a la lumiere de l'oeuvre d'Emil Meyerson, Eva Telkes-Klein and Elhanan Yakira, eds. (Paris: Champion, 2010), pp. 133-150. [French]
7. "Historical Necessity and Contingency," The Blackwell Companion to the Philosophy of History, Aviezer Tucker, ed. (New York: Blackwells, 2009), pp. 120-130.
8. "Putnam on Skepticism," Contemporary Philosophy in Focus: Hilary Putnam (Cambridge: Cambridge University Press, 2005), pp.125-155.
9. "Introduction to the Philosophy of Hilary Putnam," Contemporary Philosophy in Focus: Hilary Putnam (Cambridge: Cambridge University Press, 2005), pp. 1-16.
10. "Idealization," Oxford Companion to the Philosophy of Science, William Herbert Newton-Smith, ed. (Oxford: Blackwell, 2000), pp.169-71.
11. "Psychologism and Meaning," The Story of Analytic Philosophy, Anat Biletzki and Anat Matar, eds. (New York: Routledge, 1998), pp. 123-140.
12. "Struggling with Reality: Schrodinger's Case," Erwin Schrodinger: Philosophy and the Birth of Quantum Mechanics, Michel Bitbol and Olivier Darrigol, eds. (Paris: Editions Frontiers, 1992), pp. 25-40.
13. "Realism and Quantum Mechanics," Microphysical Reality and the Quantum Formalism, Alwyn van der Merwe, Gino Tarozzi and Franco Selleri, eds. (Denver: Kluwer Academic Publishers, 1988), pp. 103-113.
14. "Limits of a Deductive Construal of the Function of Scientific Theories," Science in Reflection, Edna Ulman-Margalit, ed. (Denver: Kluwer Academic Publishers, 1988), pp.17-22.
15. "Popper's Criterion of Refutability in the Legal Context," Theory of Legal Science, Aleksander Peczenik, ed. (Dordrecht: Reidel, 1984), pp.425-435. Hebrew version in Akdamot 24 (2010), pp. 128-138. [with Hanina Ben-Menahem]

Articles

1. "Poincare's Impact on Twentieth Century Physics," HOPOS: The Journal of the International Society for the History of Philosophy of Science (forthcoming in 2016).
2. "Symmetry and Causation," Iyyun 61 (2012), pp. 193-218.
3. "Conventionalism: Replies to Commentators," Iyyun 58 (2009), pp. 173-181. [Hebrew]

4. "Free Creations of the Human Mind," Iyyun 56 (2007), pp. 141-151.
5. "Black, White and Gray: Quine on Convention," Synthese 146 (2005), pp. 245-282.
6. "The Design Argument," B.D.D. 13 (2003), pp. 55-67. [Hebrew]
7. "Convention: Poincare and Some of his Critics," British Journal for the philosophy of Science 52 (2001), pp. 471-513.
8. Introduction to Studies in History and Philosophy of Modern Physics 32(4) (The Conceptual Foundations of Statistical Physics) (2001), pp. 503-510. [with I. Pitowsky]
9. "Direction and Description," Studies in History and Philosophy of Modern Physics 32 (2001), pp. 621-635.
10. "Science and the Law: Reflections," Science in Context 12 (1999), pp. 227-243. [with Hanina Ben-Menahem]
11. "The Natural and the Social," Iyyun 48 (1999), pp.135-150. [Hebrew]
12. "Explanation and Description: Wittgenstein on Convention," Synthese 115 (1998), pp. 99-130.
13. "Dummett ver. Bell on Quantum Mechanics," Studies in History and Philosophy of Modern Physics 28 (1997), pp. 277-290.
14. "Models of Critique," Science in Context 10 (1997), pp. 3-12. [with Adi Ophir]
15. "Historical Contingency," Ratio 10 (1997), pp. 99-107.
16. "Michel Foucault: History as Therapy," Psychoanalysis and Contemporary Thought 19 (1996), pp. 579-610.
17. "Pragmatism and Revisionism: James's Conception of Truth," International Journal of Philosophical Studies 3 (1995), pp. 270-90.
18. "Struggling with Causality: Einstein's Case," Science in Context 6 (1992), pp. 291-310.
19. "Equivalent Descriptions," The British Journal for the Philosophy of Science 41 (1990), pp. 261-279.
20. "The Inference to the Best Explanation," Erkenntnis 33 (1990), pp. 319-344. Hebrew version in Iyyun, 38 (1989), pp. 41-61.
21. "Struggling With Causality: Schrodinger's Case," Studies in the History and Philosophy of Science 20 (1989), pp. 307-344.
22. "Models of Science: Fictions or Idealizations?" Science in Context 2 (1988), pp. 163-175.
23. "Free Will and Foreknowledge: A Fresh Approach to a Classic Problem," The Philosophical Quarterly 38 (1988), pp. 486-490.

24. "Science and Values," Iyyun 35 (1987), pp. 240-251. [Hebrew]
25. "Newcomb's Paradox and Compatibilism," Erkenntnis 25 (1986), pp. 197-224.
26. "How to Peel an Onion: Realism vs. Relativism in Contemporary Philosophy of Science," Scientia (1979), pp. 231-243.

Encyclopedia Entries

1. Encyclopedia Britannica (Chicago, IL: Encyclopædia Britannica, Inc, 2014).
 - Hilary Putnam
2. The Encyclopedia of Philosophy, Edward Craig, ed. (England: Routledge, 1998).
 - Putnam, Hilary
3. Encyclopedia Einaudi (1978).
 - Conservation/Invariance, vol. III, pp. 818-854. [with Yehuda Elkana]
 - Entropy, vol. V, pp. 463-494. [with Yehuda Elkana]

Other Publications

Books

1. Selected Topics in the Philosophy of Science (Tel Aviv: Everyman's University, 1980), 150 pp. [Hebrew]

Articles

1. "Nonlocality and the Epistemic Interpretation of Quantum Mechanics," Phil-Sci Archive (2015).
2. "The Causal Family: Causal Constraints in Physics," SSRN (2013).

Introductions to Books

1. Introduction to Hilary Putnam, Jewish Philosophy as a Guide to Life (Jerusalem: Magnes, 2012). [Hebrew]
2. "The Philosophy of William James," Introduction to William James, Pragmatism (Tel Aviv: Resling, 2010), pp. 7-31. [Hebrew]

Book Reviews

1. Review of Christopher Norris, Quantum Theory and the Flight from Realism, in Studies in the History and Philosophy of Modern Physics 33 (2002), pp. 587-591.

2. Review of Michel Bitbol, Schrodinger's Philosophy of Quantum Mechanics, in Isis 91 (2000), pp. 187-188.

Membership in Professional Organizations

- 2012-present Member of the Editorial Board of The Western Ontario Series in Philosophy of Science
- 2010-present Member of the Editorial Board of HOPOS, University of Chicago Press
- 2004-present Board member: The Einstein Papers Project, Princeton University Press

Editing of Special Volumes in Journals

1. Yemima Ben-Menachem, Le Corry and Carl Posy, eds. Iyyun 61 (Special Issue: Mathematical Knowledge and its Applications) (2012). [Guest Editor]
2. Iyyun 56 (Special Issue: In Memory of Mara Beller) (2007). [Guest Editor]
3. Yemima Ben-Menachem and Itamar Pitowsky, eds. Studies in the History and Philosophy of Modern Physics 32 (Special Issue: The Conceptual Foundations of Statistical Physics) (2001). [Guest Editor]
4. Yemima Ben-Menachem and Adi. Ophir, eds. Science in Context 10 (Special Issue: Models of Critique in Science, Society and Art) (1997). [Guest Editor]

Other Relevant Activities

2007 Curator of Exhibition Newton's Secrets and Editor of the Catalogue, The Jewish National and University Library [Hebrew and English]

Founding the periodical Aleph: Historical Studies in Science and Judaism. Aleph 1 appeared in 2001; Aleph 15 is now in the press.