

CV

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Assa Auerbach

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Born: 1956, Israel

Family Status: Married + 3 Children.

I. ACADEMIC DEGREES

1. 1979, B.Sc. Math/Physics, Hebrew University, Israel.
2. 1981, M.Sc., Physics Dept., Weizmann Institute, Israel.
3. 1985, Ph.D., Physics Dept., SUNY at Stony Brook , N.Y.

II. ACADEMIC APPOINTMENTS

1. 2000– Present, Full Professor, Physics Department, Technion, Israel.
2. 2016-2017, Dean of Faculty of Physics, Technion.
3. 2015-2016, Visiting Professor, LPTMC, Paris 6 University, Jussieu, Paris, France.
4. 2010-2011, Visiting Professor, Physics Department, Stanford University, CA.
5. 2003-2004, Visiting Professor, Physics Department, Harvard University.
6. 1995–2000, Associate Professor, Physics Department, Technion, Israel.
7. 1997–1998, Visiting Professor, Physics Department, Stanford University, CA.
8. 1990–1994, Senior Lecturer, Physics Department, Technion, Israel.
9. 1988–1993, Assistant Professor, Physics Department, Boston University, MA.
10. 1987–1988, Postdoctoral Fellow, Brookhaven National Laboratory, NY.
11. 1985–1987, Postdoctoral Associate, University of Chicago, IL.

III. RESEARCH INTERESTS

- Strongly Correlated Electron Systems
- Superconductivity
- Quantum Hall effect
- Quantum Magnetism
- Interactions and Disorder

IV. PUBLICATIONS

1. 91 papers in refereed journals.
2. 6 Review chapters in books.
3. Graduate level textbook, "Interacting Electrons and Quantum Magnetism", Springer-Verlag NY, 1994, second printing. cited 1606.
4. Author of scientific graphic novel "Max The Demon vs Entropy of Doom", Looseline Productions, NY 2017.
5. 6927 citations, h-index 38