

CURRICULUM VITAE

Avinoam Rabinovich

Education

- 2003-2007:* B.Sc., Magna Cum Laude, Mathematics, Tel Aviv University.
B.Sc., Magna Cum Laude, Geophysics and Planetary Sciences, Tel Aviv University
- 2007-2009:* M.Sc., Magna Cum Laude, Geophysics, Tel Aviv University. Title: "Vorticity inversion and action-at-a-distance in stably stratified shear flow instability".
Advisers: Prof. Eyal Heifetz and Prof. Nili Harnik
- 2010-2014:* Ph.D., Mechanical Engineering, Tel Aviv University. Title: "Heat and mass flow in heterogeneous media - characterization and effective properties".
Advisers: Prof. Gedeon Dagan and Prof. Touvia Miloh

Academic and Professional Experience

- 2008-2009:* Faculty of Exact Sciences, Tel Aviv University, Tel Aviv, Israel
Teaching Assistant - Statistical Observations of the Atmosphere
Teaching Assistant - Theory of the general circulation of the atmosphere
- 2012-2013:* Faculty of Engineering, Tel Aviv University, Tel Aviv, Israel
Teaching Assistant - Fluid Mechanics I
- 2014-2016:* Post-doctoral scholar, Energy Resources Engineering, Stanford University, Stanford, USA
- 2016-present:* Senior lecturer, tenure track faculty, School of Mechanical Engineering, Tel Aviv University, Tel Aviv, Israel

Academic and Professional Awards

Fellowships:

- 2011:* Rieger Foundation Graduate Fellowship Program
- 2012:* Rieger Foundation Graduate Fellowship Program
- 2014-2016:* Ministry of Energy and Water resources postdoctoral fellowship (170,000 NIS)

Scholarships:

- 2004:* Geophysics scholarship for excellence in undergraduate studies, Tel Aviv University
- 2009:* Geophysics scholarship for excellence in master's degree studies, Tel Aviv University
- 2010:* Keren Kayemeth LeIsrael scholarship
- 2012:* Issac Goldhirsch Excellence scholarship, Tel Aviv University

Prizes:

- 2006:* Dean's list of excellence, Faculty of Exact Sciences, Tel Aviv University
- 2013:* The David and Paulina Trotsky Award
- 2013:* Award for Excellence in Teaching, Tel-Aviv University
- 2015:* AGU Chapman Conference Postdoctoral Travel Grant

Membership in Professional Societies

- 2012:* European Geophysical Union
- 2014-2016:* American Geophysical Union
- 2017-present:* International Society for Porous Media (Interpore)

Students Supervised

- 2013-2014:* Ekaterina Vylegzhanin, M.Sc. student
- 2016-present:* David Guy, M.Sc. student
- 2016-present:* Ashish Mani Mishra, postdoctoral fellow

Reviewer for International Journals

Water Resources Research

Journal of Hydrology

International Journal of Thermal Sciences

Environmental Earth Sciences