

CURRICULUM VITAE

Avinoam Rabinovich

Department: School of Mechanical Engineering, Faculty of Engineering, Tel Aviv University,
Tel Aviv 69978 **Tel. No.:** 972-3-640-7176

Education

- 2003-2007:* B.Sc., Magna Cum Laude, Mathematics,
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

- 2014-2016:* Post-doctoral scholar, Energy Resources Engineering, Stanford University,
Stanford, USA
Research groups: Prof. Louis Durlofsky and Prof. Peter Kitanidis
- 2016-present:* Senior lecturer, School of Mechanical Engineering, Tel Aviv University, Tel
Aviv

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

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

Awards:

2006: Dean's list of excellence, Faculty of Exact Sciences, Tel Aviv University

2013: The David and Paulina Trotsky Award

2013-2014: Award for Excellence as Teaching Assistant

2017-2018: Dean's teaching award

2018-2019: Dean's honorable mention for teaching

2019-2020: Dean's teaching award

Membership in Professional Societies

2012: European Geophysical Union

2014-present: American Geophysical Union

2017-present: InterPore

2018-2019: European Association of Geoscientists and Engineers

Reviewer for Journals

Water Resources Research

Journal of Hydrology

Journal of Fluid Mechanics

Journal of Petroleum Science and Engineering

Journal of Heat Transfer

Sustainability

Teaching Activities

Courses Taught:

Fluid Mechanics 1

Fluid Mechanics for Biomedical Engineering

Fluid Mechanics and Heat Transfer Laboratory

Mechanics Laboratory for Biomedical Engineering

New Courses Developed and Taught:

Flow in Oil and Natural Gas Reservoirs

Reservoir Engineering: Basics of Natural Gas and Oil Production (special short course given by visiting lecturer from abroad)