



Prof. Avi Levy
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• Education

- B.Sc. 1986-1990 Mechanical Engineering Department, Ben-Gurion University of the Negev, Beer-Sheva, Israel.
Graduated Cum Laude
- Ph.D. 1990-1995 Mechanical Engineering Department, Ben-Gurion University of the Negev, Beer-Sheva, Israel.
 Name of advisors: Prof. Gabi Ben-Dor & Dr. Shaul Sorek
 Title of Thesis: Wave Propagation in a Saturated Porous Medium
Graduated Summa Cum Laude

• Employment History

- 2017 - Present Faculty of Engineering Sciences, Dean
 Ben-Gurion University of the Negev, Beer-Sheva, Israel.
- 2012 - 2017 Department of Mechanical Engineering, Head
 Ben-Gurion University
- Worked as a research scholar in the Ben-Gurion University until 1995 and as a research fellow at Glasgow Caledonian University in the Center for Industrial Bulk Solids Handling until 1997. Then I joined to the department of Mechanical Engineering at Ben-Gurion University of the Negev, ISRAEL, where I served as the Head of Department. On 2004 I served as a Visiting Professor in the Canadian Hydraulics Centre, National Research Centre Canada.

• Fields of Interest

Multiphase phenomena; Multiphase flow; Transport phenomena in multiphase media; Mass, momentum and heat transfer; Transport systems; Drying; Development of absorption heat pump; Pneumatic conveying; Numerical methods; Shock wave interaction with porous, granular and cellular materials.

• Professional Activities

Professional Functions Outside University + Conference activities

- International Scientific Committee and International Advisory Committee, of 25 International Conferences.
- Chairman, of 3 International Conferences.
- 2021-present – Member of the Executive Committee of BGU-NJIT institute.
- 2007-2012 Chairman of the International Scientific Council for Conveying and Handling of Particulate Solids.

Editor or Member of Editorial Board of Scientific or Professional Journals

- Drying Technology - International Editorial Advisory Board Member
- Chemical Engineering and Processing – Guest Editor
- Powder Technology – Guest Editor
- Granular Matter – Guest Editor
- Particuology – Guest Editor

Research Students

- 39 M.Sc., 24 Ph.D. and 3 PostDoc

- **Scientific Publications**

- 2 Editorship of Collective Volumes
- 30 Chapters in Books
- 160 Peer-Reviewed Articles in Scientific Journals (ISI HI=34, GS HI=40)
- 185 Conference Presentations

- **Research Grants**

Over 3.5 million USD were obtained from various research agencies, among them Ministry of Defense, Israeli Atomic Commission & Planning and Budgeting Committee, Ministry of Science-BMBF - Joint Israel-Germany Project, GlaxoSmithKline, Dead Sea Group, HP, German-Israeli Foundation for Scientific Research and Development and Israeli Science Foundation.