

## Yaron Paz: short CV

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### Academic Degrees

- Ph.D. in Chemistry (1994), Weizmann Institute of Science, Rehovot, Israel.
- M.Sc. in Chemistry (1989), Weizmann Institute of Science, Rehovot, Israel.
- B.Sc. in Chemical Engineering (1987), Technion, Haifa, Israel.

### Academic Appointment

- Professor, holding The Yitzhak Rabin Memorial Chair in Science, Engineering and Management of Water Resources. At Technion since 1996.

### Professional Experience

- Visiting Researcher, Department of Chemical Engineering, University of Texas at Austin.
- Post Doctorate Fellow, Prof. Adam Heller's group, Department of Chemical Engineering, The University of Texas at Austin. Project title: The developing and characterization of photocatalytic self-cleaning glass (1994-1996).

### Research Interests

- Photoinduced processes: photocatalysis, PV, water splitting
- Nanocomposite materials
- Fourier – Transformed Infra-Red Spectroscopy (FTIR)

### Teaching Experience

- "Introduction to Chemical and Biochemical Reactors' Design", "Principles of Reactors Design", "ULSI Processes for Chemical Engineers"(undergraduate), "Surface Phenomena" (graduate), "Chemical Engineering Laboratory I" (undergraduate)

### Selected administrative activities at the Technion

- Member of the senate of the Technion (2004, 2011-2012, 2017, 2018).
- Member of the library committee of the Technion (11/2016-present)
- Representative for the Professors at the Technion's Coratorion academic committee (2017)
- Vice Dean for graduate studies, the Department of Chemical Engineering, (2006-2013).
- Vice Dean of the Department of Chemical Engineering (2018-2021).
- Deputy for safety to the vice president of The Technion (beginning 12/2021).

### Main public professional activities (past & present)

- President of the Israel Vacuum Society (IVS), a society for promoting surface science.
  - Member of the board of the Israel Institute of Chemical Engineers (IIChE)
- Member of Research Committees at selected years at: Israel Science Foundation, Pazy fund, Ministry of Science, The Grand Water Research Institute and more.
- The Israeli Representative for the Surface Engineering Division of the International Union for Vacuum Science, Techniques, and Applications (IUVSTA)
  - Participation in organizing 36 Scientific Conferences, 3 of which as chair.

**Honors:** Yitzhak Rabin Memorial Chair in Science, Engineering and Management of Water Resources, Honorary membership of the Israel Vacuum Society, Technion's Excellence in Teaching Citation, Henry Gutwirth Research Award, Abe and Emily Bolotin Career Development Chair, Giora Yashinski Memorial Prize.

### Talks in conferences and workshops

Invited / keynote / plenary: app. 50 contributed: app. 50 Invited seminars: app. 20

**Publications** (including book chapters, patents): app. 100

### Other activities

- Literature writing (Hebrew): 2 books, contribution to 3 anthologies, app. 30 short stories published in literary journals.
- Sports: yoga, swimming, jogging, mountain biking, hiking.