Curriculum Vitae

Prof. Yinon Rudich

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Education

1989 - 1994 Ph.D. (Honors, Chemical Physics)- Feinberg Graduate School, Weizmann Institute. Recipient of the Feinberg Graduate School Kennedy Prize.

1987 - 1989 M.Sc. (Chemistry) - Feinberg Graduate School, Weizmann Institute.

1984 - 1987 B.Sc. (Honors, Biophysical Chemistry) - Ben Gurion University, Beer Sheva, Israel.

Employment

2019 - present Dean, Faculty of Chemistry, Weizmann Institute of Science, Rehovot, Israel.

2016 - 2019 Head, Department of Earth and Planetary Sciences, Weizmann Institute of Science, Rehovot, Israel.

2008 - present Professor, Department of Earth and Planetary Sciences, Weizmann Institute of Science, Rehovot, Israel.

2002 - 2008 Associate Professor, Department of Earth and Planetary Sciences, Weizmann Institute of Science, Rehovot, Israel.

1997 - 2002 Senior Researcher, Department of Earth and Planetary Sciences, Weizmann Institute of Science, Rehovot, Israel

1994 - 1996 National Research Council (NRC) Research Associate in the Atmospheric Chemical Kinetics group, Aeronomy Laboratory, National Oceanic and Atmospheric Administration.

Awards

* Fellow of the American Geophysical Union, 2017.
* Fellow of the Royal Society of Chemistry, UK, 2017.
* Distinguished Scholar, Peking University, Beijing 2017.
* Henri Gutwirth Prize, Technion, Israel, 2016.
* Mercator Fellow, German Research Foundation (DFG), 2015-2018.
* Guest Professorship, ETH Zurich, Institute for Atmospheric and Climate Sciences, 2014.
* Helen and Martin Kimmel Award for Innovative Investigation, Weizmann Institute 2008.
* York University (UK) distinguished visitor award, 2007.
* Benjamin Meaker, Visiting Professorship, Bristol University UK 2008.
* Environmental Research Letters (ERL) - best article published in 2006-2007.
* Sir Charles Clore Prize, Weizmann Institute (1997).
* National Research Council Postdoctoral Fellowship (1994-1997)
* Kennedy Award - Feinberg Graduate School (1994).

Research Interests

* Optical properties of aerosols.
* Health and climatic effects of pollution and bio-aerosols.
* Atmospheric chemistry and microphysics of aerosols.
* Ice nucleation.
* Bioaerosols.
* Heterogeneous atmospheric chemistry
* Global and regional aspects of air pollution.
* Aerosol-climate interactions and their global climatic effects.
* Satellite observations of atmospheric and climatic processes.
* Ocean-atmosphere interactions.

 Editorships of Professional Journals:

* **Editor,** *Journal of Geophysical Research - Atmospheres*, American Geophysical Union, 2006-2013.
* **Editor**(invited), *Chemical Reviews* special issue on Atmospheric Chemistry and Climate, 2015.
* **Editor**, *Journal of Physical Chemistry C,* **Festschrift Issue for R. Naaman**(2013).
* **Editor**(invited), *Journal of Physical Chemistry A,* **Festschrift Issue for A.R. Ravishankara** (2010).
* **Associate Editor**, *Atmospheric Chemistry and Physics*, European Geophysical Union, since 2004-2018.
* **Associate Editor**, *Journal of Geophysical Research - Atmospheres*, American Geophysical Union, 2000 - 2005, 2013-2018.
* **Guest Editor**(invited), *Annual Reviews of Physical Chemistry* (Volume 54, 2003).

Professional Activities

* **Member**, **Advisory Panel**, Atmospheric Chemistry Observations and Modeling (ACOM) Laboratory, National Center for Atmospheric Research (NCAR), Boulder, CO (2019-2021).
* **Member, Advisory Board,**Israel - IIASA collaboration.
* **Member**, ERC Advanced Grants committee (2015,2017,2019)
* **Member**, Transnational Access (TNA) user selection panel EuroChamp2020 (2017-2022).
* **Member**, **Scientific Advisory Board,**Max Planck Institute for Chemistry (2014-2020).
* **Member**, Committee for the recruitment of new Faculty members, Open University, Israel (2017).
* **Member,**Blue Ribbon Committee**,** National Center for Atmospheric Research, Boulder, CO (2017).
* **Member**, 2018 International Aerosol Conference (IAC) Technical Program Committee.
* **Member**, Review panel large infrastructures, German Council of Science and Humanities, Germany (2016).
* **Chair,** Review Board, Israel Science Foundation, Israel (2016).
* **Chair,**Telluride workshop on organic aerosols, Colorado (2016)
* **Member**, German Israeli Bi-national Science Foundation and USA-Israel Bi-national Science Foundation, Review Board (2015, 2019).
* **Scientific Advisory Board,*SPARTAN:****A Global Network to Evaluate and Enhance Satellite-Based Estimates of Ground-Level Aerosol for Global Health Application*, From June 2014.
* **International Scientific Steering Committee** (elected), International Geodesy for Atmospheric Chemistry (IGAC), 2011-2015.
* **Chair**(invited)**, Scientific Program Committee**, IGAC/iCACGP-2014 conference, Natal, Brazil.
* **Co-Chair**(invited),Theme 15 "Aerosol, sources, sinks and impacts", Goldschmidt Conference, Florence 2013.
* **Co-chair** (elected), Gordon research Conference on Atmospheric Chemistry, 2013.
* **Vice chair**(elected), Gordon research Conference on Atmospheric Chemistry, 2011.
* **President**(elected), Israeli Association for Aerosol Research, 2004-2006.
* **Scientific Advisor for the European Commission**, Evaluator of the EUROCHAMP (May 2007), EUSAAR (October 2008), IMECC (2009).
* **Scientific Evaluation Committee,**Young Investigators, Research Center Jülich (Germany), 2009.
* **Steering Committee Member,**European Science Foundation (ESF) project on interdisciplinary tropospheric research - INTROP (2004-2008).
* **Co-Chair**(invited),Theme 11 "Aerosol, sources, sinks and impacts", Goldschmidt Conference, Davos 2009.
* **Chair,** International Workshop on Global Dimming and Brightening - a research workshop of the Israel Science Foundation. (2008).
* **Co-Chair,**INTROP/ACCENT/SPARC workshop on ***“Atmospheric routes of organics oxidation”***, Alpe d’Huez, France, January 2006.
* **Co-Chair**, The 2nd Gentner symposium on Geosciences - a Minerva symposium ***Research Workshop on the Interactions among Chemistry, Physics and Dynamics in the Troposphere -***Nazareth, Israel. October 1999. With Prof. A. Wahner, Research Center, Jülich (Germany).
* **Co-Chair**, Joint Turkish-Israeli workshop on *"****Deposition of Aerosols and Gases in the Eastern Mediterranean****"* - January 2002, Israel.
* **Review Panels,**Israel Science Foundation (2005,2009), European Science Foundation (ESF) program (2004-2008), European Community review panels (2007, 2010), German Israeli Foundation (GIF) (2013, 2014), Finnish Academy of Sciences (2014).