

Curriculum vitae SHLOMO HAVLIN

PERSONAL INFORMATION

Family name, Havlin

First name: Shlomo

Date of birth: July 21, 1942

Nationality: Israel

URL for web site: havlin.ph.biu.ac.il

• EDUCATION

1972 PhD: Physics, Bar Ilan University, Israel

1968 MSc: Physics, Tel Aviv University, Israel

• CURRENT POSITION(S)

1981-present Professor, Department of Physics, Bar Ilan University, Israel.

2016-present Adjunct Professor, Tokyo Institute of Technology, Tokyo, Japan.

2019-present Adjunct Professor, Physics, Boston University, Boston, USA.

2018-present Adjunct Professor, Complexity Science Hub Vienna, Austria

• PREVIOUS POSITIONS

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1999-2001 Dean, Faculty of Exact Sciences, Bar Ilan University, Israel.

1996-1999 President, Israel Physical Society, Israel.

1998-2011 Director, Minerva Center for Mesoscopics, Fractals and Neural Networks, Israel

2002-2011 Head, ISF National Excellence Center for Complex Networks, Israel.

1996-2010 Director, Science Beyond 2000- Science Education Unit, Physics, Bar Ilan University, Israel.

1984-1988 Chairman, Department of Physics, Bar Ilan University, Israel.

1977-1981 Senior Lecturer, department of Physics, Bar-Ilan University, Israel.

1972-1977 Lecturer, department of Physics, Bar-Ilan University, Israel.

VISITING POSITIONS:

1978-1979 Royal Society Visiting Fellow, University of Edinburgh, Scotland.

1983-1984 Visiting Scientist, Physical Sciences Laboratory, DCRT, NIH,

1984-1985 Visiting Professor, Boston University, USA.

1989-1991 Visiting Scientist, Physical Sciences Laboratory, DCRT, NIH, USA.

• AWARDS

2023 Bakhuis Roozeboom Medal, Royal Netherlands Academy of Sciences

2021 Complex Systems Society, Senior Scientific Award, International

2021 Honorary Fellow, Institute of Physics, United Kingdom

2018 Israel Prize, Top Prize in Science from the State of Israel

2017 Order of the Star of Italy, President of Italy

2017 Distinguished Scientist Award, Chinese Academy of Sciences

2016 Honorary Professor, Beihang University, China

2014 Rothschild Prize for Physical and Chemical Sciences, Israel

2012 Ehrenfest Colloquium, Leiden University, Netherlands

2010 Lilienfeld Prize in Physics, American Physical Society, USA

2009 Weizmann Prize for Exact Sciences, Israel
2006 Nicholson Medal, American Physical Society
1992 Humboldt Senior Award, Germany
1997 Fellow, American Physical Society
2004-2012 National Excellence Centre Award for Complex Networks, Israel Science Foundation

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• **EDITORIAL BOARDS:**

2021-present Frontiers of Network Physiology
2021-present Entropy
2008-2018 Europhys. Lett.
2004-2010 New Journal of Physics.
1991-present Physica A.
1991-present International Journal of Fractals.
1991-1995 Journal of Statistical Physics.
2019-present Journal of Phys. Complexity.
2007-present Research Physics Letters.

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• **CAREER BREAKS and ACHEIVEMENTS**

Havlin has been a leading figure in the development of network science, with over 900 papers and books in the fields of statistical physics, network science, and interdisciplinary physical sciences.

He has chaired many national and international research centers, served as PI for dozens of grants and supervised over 100 graduate students.

He has been the former president of the Israel Physical Society and the winner of many national and international prizes.

His h-index is 126 (ISI) and 152 (Google Scholar), he is a highly cited scientist since 2018. Over 120,000 citations. Havlin is among the most-cited scientists in Israel. According to ScholarGPS, Havlin is the top cited physicists in Israel and number 75 worldwide. See:

<https://scholargps.com/highly-ranked-scholars?year=2024&discipline=Physics&country%5B0%5D=Israel>

SELECTED BOOKS (of 16 total):

1. R. Cohen and S. Havlin, Complex networks: Structure, Robustness and Function (Cambridge University Press, 2010); Translated to Chinese (Cambridge University Press, 2015)
2. D. Ben-Avraham and S. Havlin, Diffusion and Reactions in Fractals and Disordered Systems (Cambridge University Press, 2000; 2nd ed., 2005).
3. A. Bunde and S. Havlin, Fractals in Science (Springer, Berlin, 1st ed. 1994, 2nd ed., 1995).
4. A. Bunde and S. Havlin, Fractals and Disorder (Springer, Berlin, 1st ed. 1992, 2nd ed., 1996)
5. J. Gao, A. Bashan, L. Shekhtman and S. Havlin, Introduction to Networks of Networks (IOP publishing 2022)