

# Avi Wigderson

## Short Bio

### Research Interests:

Computational Complexity Theory, Algorithms and Optimization, Randomness and Cryptography, Parallel and Distributed Computation, Combinatorics and Graph Theory, Connections of CS theory with Math and Science.

### Honors

- 2021 *Abel Prize*, Norwegian Academy of Science and Letters
- 2019 *Knuth Prize*, Association for Computing Machinery (ACM-SIGACT)
- 2018 *ACM Fellow*, Association for Computing Machinery (ACM-SIGACT)
- 2013 *Member, National Academy of Sciences*
- 2011 *Member, American Academy of Arts and Sciences*
- 2009 *Gödel Prize*, European Association for Theoretical Computer Science (EATCS) and Association for Computing Machinery (Special Interest Group on Algorithms and Computation Theory (ACM-SIGACT))
- 2008 *Conant Prize*, American Mathematical Society (AMS)
- 2006 *International Congress of Mathematicians Plenary Lecture*, Madrid, Spain
- 1994 *Nevanlinna Prize*, International Mathematical Union (IMU)

### Education

- 1983 — Ph.D in Computer Science, Princeton University
- 1982 — M.A in Computer Science, Princeton University.
- 1981 — M.S.E in Computer Science, Princeton University.
- 1980 — B.Sc in Computer Science, Technion, Haifa, Israel

### Permanent Positions

- 1999 - present Institute for Advanced Study, Princeton, NJ.
- 1986 - 2003 Computer Science Institute, Hebrew University, Jerusalem

### Visiting Positions

- 1995 - 1996 Institute for Advanced Study and Princeton University
- 1990 - 1992 Princeton University
- 1985 - 1986 Mathematical Sciences Research Institute, Berkeley, California
- 1984 - 1985 IBM Research, San Jose, California
- 1983 - 1984 U.C Berkeley, California