

ARTHUR JAFFE

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PERSONAL: ARTHURJAFFE.NET

PROJECT: MATHPICTURE.FAS.HARVARD.EDU

Education:

AB Princeton University, 1959; BA Clare College, Cambridge University, 1961;
PhD Princeton University, 1966

Current:

Landon T. Clay Professor of Mathematics and Theoretical Science at Harvard University, 1985—
Distinguished Visiting Professor of Mathematics: AMSS, Chinese Academy of Sciences, 2018—
Member Scientific Advisory Board, *Zapata Computing Corporation*, 2020—
Member Editorial Board: *SCIENCE CHINA Mathematics*, 2018—
Member Advisory Board: *Communications in Mathematical Physics*, 2001—
Member Advisory Board: *Annals of Functional Analysis*

Recognition:

Honorary Member of the Royal Irish Academy
Member of the US National Academy of Sciences
Member of the American Academy of Arts and Sciences
Fellow of the American Association for the Advancement of Science
Fellow of the American Mathematical Society
Fellow of the Society of Industrial and Applied Mathematicians
Fellow of the American Physical Society
Fellow of the Hagler Institute for Advanced Study 2021
Science China Mathematics Award for best editor, 2020
ICCM award for best mathematical paper 2018
Medal Collège de France, 1990
Dannie Heinemann Prize in Mathematical Physics, APS and AIP, 1980
Prize in Mathematics and Physics, New York Academy of Science, 1979

Selected Prior Activity:

Member, 1996-2002; Chair, 2001, 2002: U.S. President's Committee for the National Medal of Science
Co-Founder and Founding President, Clay Mathematics Institute, 1998-2002
Chairman of the Board, Dublin Institute for Advanced Study, School of Theoretical Physics, 2005-2020
President, American Mathematical Society, 1997-1998
President, International Association of Mathematical Physics, 1991-1996
Chair, Harvard University Mathematics Department, 1987-1990
Chief Editor of *Communications in Mathematical Physics*, 1979-2001
Co-Founding Editor, *Progress in Physics*, Birkhäuser Boston 1980
Co-Founder of the Cargèse Summer Schools in Mathematical Physics, 1974-1996
Member, Committee on Resources for the Mathematical Sciences (David Committee) NRC, 1980-1983

Selected Lectures:

Distinguished Public Lecture, **Chinese Academy of Sciences 2018**; Statutory Public Lecture, **Dublin Institute for Advanced Study 2016**; Friedrich Hirzebruch Lecture, **Bonn 2015**;
Schrödinger Lecture, **Schrödinger Institute Vienna 2012**; Class of 1927 Lecturer, **Rensselaer Polytechnic Institute 2000**; Distinguished Public Lecture, **Bard College 1990**; Frank Hahn Lecturer, **Yale University 1985**; Hedrick Lecturer, **Mathematical Association of America 1985**; Porter Lecturer, **Rice University 1983**; International Congress of Mathematics **1980**; International Congress of Mathematical Physics **1979, 1991**; American Mathematical Society **1970**.
University/Institute Courses: E.T.H. Zurich **1968, 2005**; Accademia Nazionale dei Lincei **1977**;
Boston University **2001**; Princeton University **1971**.
Summer Schools Courses: Les Houches **1970**; Erice **1973, 1985, 1988**; Cargèse **1976, 1979, 1987**.

Students and Postdoctoral Collaborators:

Jaffe has trained more than 26 doctoral students and has over 260 mathematical descendants. He also has worked with more than 60 postdoctoral collaborators.

Publications:

Author of over 200 papers and author or editor of 15 books. [Link to Online List of Publications](#)