

## Biographical Sketch of Jean Bourgain

**Born:** February 28, 1954 in Ostende, Belgium

**Citizenship:** Citizen of Belgium

### Education:

1977 - Ph.D., Free University of Brussels

1979 - Habilitation Degree, Free University of Brussels

### Appointments:

Research Fellowship in Belgium NSF (NFWO), 1975-1981

Professor at Free University of Brussels, 1981-1985

J.L. Doob Professor of Mathematics, University of Illinois, 1985-2006

Professor a IHES (France), 1985-1995

Lady Davis Professor of Mathematics, Hebrew University of Jerusalem, 1988

Fairchild Distinguished Professor, Caltech, 1991

Professor IAS, 1994-

IBM, Von Neumann Professor IAS, 2010-

### Honors:

Alumni Prize, Belgium NSF, 1979

Empain Prize, Belgium NSF, 1983

Salem Prize, 1983

Damry-Deleeuw-Bourlart Prize (awarded by Belgian NSF), 1985  
(quintesimal Belgian Science Prize)

Langevin Prize (French Academy), 1985

E. Cartan Prize (French Academy), 1990 (quintesimal)

Ostrowski Prize, Ostrowski Foundation (Basel-Switzerland), 1991 (biannual)

Fields Medal, ICM Zurich, 1994

I.V. Vernadski Gold Medal, National Academy of Sciences of Ukraine, 2010

Shaw Prize, 2010

Crafoord Prize 2012, The Royal Swedish Academy of Sciences

Title of Baron granted by King of Belgium, 2016

Antonio Feltrinelli International Prize for Mathematics, 2016

Breakthrough Prize in Mathematics, 2017

Dr. H.C. Hebrew University, 1991

Dr. H.C. Université Marne-la-Vallee (France), 1994

Dr. H.C. Free University of Brussels (Belgium), 1995

Associé Etranger de l'Academie des Sciences, 2000

Foreign Member of the Polish Academy, 2000

Foreign Member Academia Europaea, 2008

Foreign Member Royal Swedish Academy of Sciences, 2009

Foreign Associate National Academy of Sciences, 2011

Foreign Member of the Royal Flemish Academy of Arts and Sciences, 2013

International Congress of Mathematics, Warsaw (1983), Berkeley (1986), Zurich (1994)  
- plenary  
International Congress on Mathematical Physics, Paris (1994), Rio (2006) - plenary  
European Mathematical Congress, Paris (1992), Amsterdam (2008) - plenary

**Lecture Series:**

A. Zygmund Lectures, Univ. of Chicago, 1989  
R de Francia Memorial Lectures, Univ. Autonoma, Spain, 1991  
Colloquium Lectures AMS, 1994  
A. Ziwet Lectures, Univ. of Michigan, 1995  
IAS/Park City Lectures, Park City, 1995  
Distinguished Lecture Series, UC, Irvine, 2000–2001  
Fields Lectures, Toronto, 2004  
T. Wolff Memorial Lectures, Caltech, 2004  
Landau Lectures, Hebrew University, Jerusalem, 2005  
Trjitzinsky Memorial Lectures, Univ. of Illinois, 2005  
Goran Gustafsson Lectures, KTH, 2010  
Alfors Lectures, Harvard, 2010  
Leonardo da Vinci Lectures, Milan, 2011  
Chern Lectures, UCB, 2012

**Committees:**

ICM 1998, 2014: Chair Analysis section  
ICM 2002: Fields Medal committee  
Salem Prize, 1985 –  
Michael Brin Prize in Dynamical Systems, 2007 –

**Editorial Boards:**

Publications Mathématiques de l’IHES  
International Mathematical Research Notices  
Geometrical and Functional Analysis (GAFA)  
Journal d’Analyse de Jérusalem  
Journal of Functional Analysis  
Duke Journal of Mathematics  
Comptes Rendus Academie Sciences, Paris  
Monografic Matematyczne  
Applied and Computational Harmonic Analysis