

# International Mathematical Union (IMU)



Mathematical Institute

The IMU is an international non-governmental organisation devoted to cooperation in the field of mathematics across the world. It is a member of the International Council for Science (ICSU) and supports the International Congress of Mathematicians (ICM), which meets every four years. The Fields Medals, the Nevanlinna Prize, the Gauss Prize and the Chern Medal are awarded during the ICM opening ceremony.

## Professor Ingrid Daubechies IMU President 2011–2014

Ingrid Daubechies is a Belgian mathematician who has held professorships at Princeton and Duke Universities.

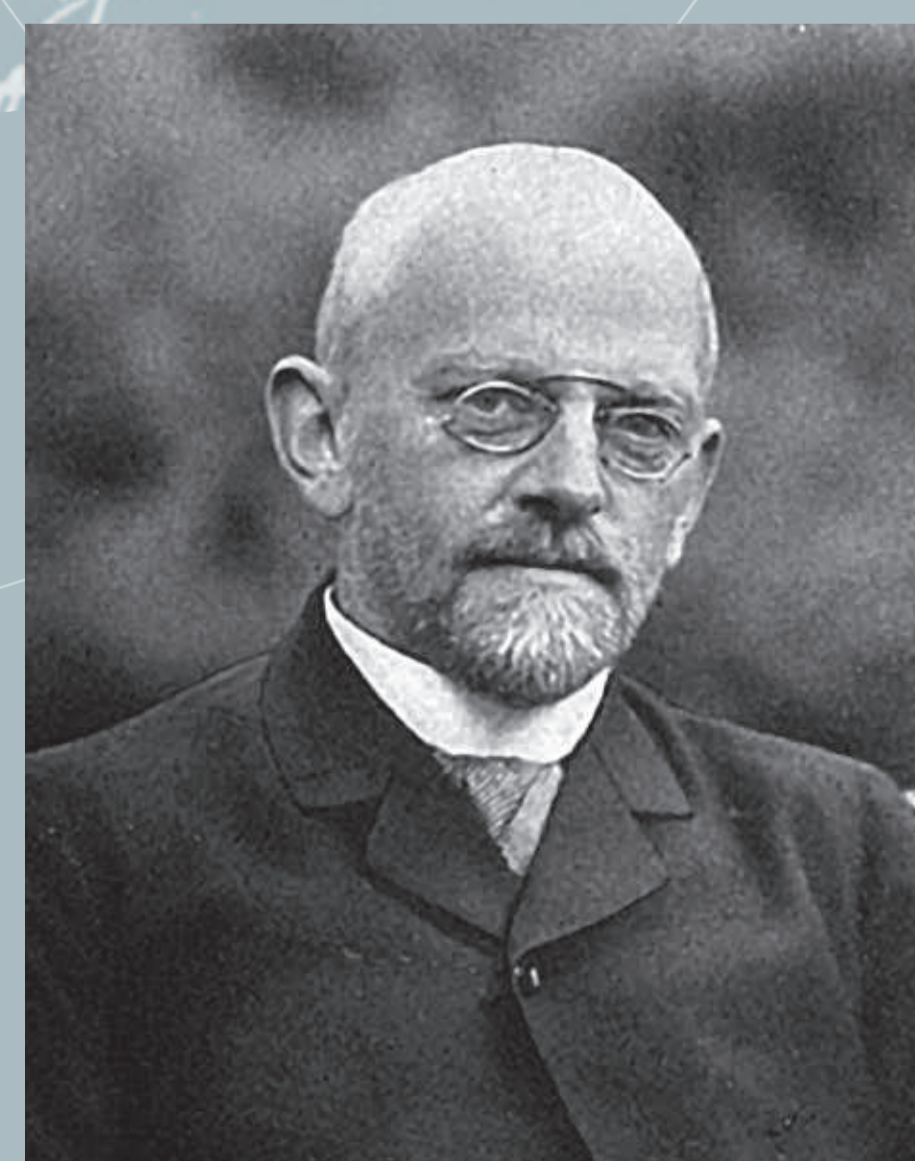
She is the first woman to have been President of the IMU and the first woman to receive the US National Academy of Sciences Award in Mathematics, for her fundamental discoveries on wavelets and wavelet expansions and for her role in making wavelets a fundamental tool of applied mathematics.

Ingrid Daubechies has an Honorary Degree from Oxford University and spoke at the conference to celebrate the opening of the new mathematics building in Oxford in October 2013.



## Professor Sir John Ball IMU President 2003–2006

John Ball is the Director of the Oxford Centre for Nonlinear Partial Differential Equations and was Oxford's first IMU President. He is a member of the Executive Board of ICSU. His main research interests lie in the calculus of variations, nonlinear partial differential equations, infinite-dimensional dynamical systems and their applications to nonlinear mechanics.



## Hilbert's problems

During the 1900 conference in Paris, France, David Hilbert announced his famous list of 23 unsolved mathematical problems, now termed 'Hilbert's problems'.

