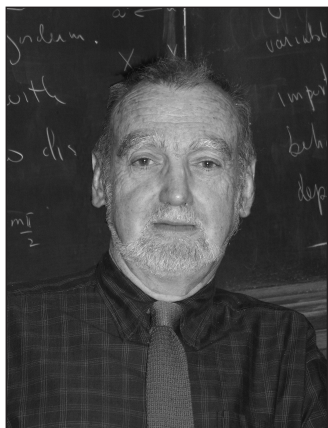


Langlands and Taylor Awarded Shaw Prize



Robert Langlands

ROBERT LANGLANDS and RICHARD TAYLOR will share the 2007 Shaw Prize in Mathematical Sciences “for initiating and developing a grand unifying vision of mathematics that connects prime numbers with symmetry.” The prize carries a cash award of US\$1 million.

The citation for Langlands states: “[He] initiated a unifying vision of mathematics that has greatly extended the legacy of the mathematics of previous centuries, connecting prime numbers with symmetry. This unification, which grew out of the Reciprocity Theory of Gauss and Hilbert, is now referred to as the Langlands program. It provides a direction of research which has guided mathematicians over the past forty years and will continue to do so for years to come.”

Born in Canada in 1936, Robert Langlands is a professor in the School of Mathematics at the Institute for Advanced Study (IAS) in Princeton. He attended the University of British Columbia, gaining an undergraduate degree in 1957 and an M.Sc. in 1958. In 1960 he received his Ph.D. from Yale University. He taught at Princeton University and Yale University before moving to the IAS in 1972. He is a Fellow of the Royal Society of London,



Richard Taylor

the Royal Society of Canada, and the U.S. National Academy of Sciences.

The citation for Taylor states: “[He] has made many extraordinary contributions to modern number theory, and more specifically to the framework of the Langlands program, where he has, in recent years, solved several important problems that had been long-standing conjectures.”

Born in England in 1962, Richard Taylor is currently the Herchel Smith Professor of Mathematics at Harvard University, a post he has held since 2002. He received his B.A. from Cambridge University in 1984 and his Ph.D. from Princeton University four years later. He taught at Cambridge University from 1989 to 1995 and held the Savilian Chair of Geometry at Oxford University from 1995 to 1996. He is a Fellow of the Royal Society of London.

The Shaw Prize is an international award to honor individuals who are currently active in their respective fields and who have achieved distinguished and significant advances, who have made outstanding contributions in culture and the arts, or who in other domains have achieved excellence. The prize is administered by the Shaw Prize Foundation, based in Hong Kong. Previous recipients of the Shaw Prize in Mathematical Sciences are David Mumford and Wentsun Wu (2006), Andrew Wiles (2005), and Shiing-Shen Chern (2004).

—From Shaw Prize Foundation news releases