
Mathematics People

2001 Fermat Prize Awarded

The 2001 Fermat Prize in Mathematics has been awarded to RICHARD TAYLOR of Harvard University and WENDELIN WERNER of the Université de Paris-Sud. Taylor was honored for his many contributions to the study of connections between Galois representations and automorphic forms. Werner was honored for his work on intersection exponents of Brownian motion and their impact on theoretical physics.

The Fermat Prize is presented every two years and carries a monetary award of 100,000 FF (approximately \$15,500). The prize recognizes the work of one or more mathematicians in the areas in which Pierre de Fermat worked, specifically, principles of variational theory, foundations of the calculus and probability, analytic geometry, and number theory. The award is administered by the Université Paul Sabatier and sponsored by Astrium Sas.

Previous recipients of the Fermat Prize are: Abbas Bahri and Kenneth A. Ribet (1989), Jean-Louis Colliot-Thélène (1991), Jean-Michel Coron (1993), Andrew J. Wiles (1995), Michel Talagrand (1997), and F. Bethuel and F. Helein (1999).

—J.-B. Hiriart-Urruty, Université Paul Sabatier

Whitt Awarded von Neumann Prize

The 2001 John von Neumann Theory Prize, the highest prize given in the field of operations research and management science, has been awarded to WARD WHITT of AT&T Laboratories.

The \$5,000 prize, presented by the Institute for Operations Research and the Management Sciences (INFORMS), was awarded to Whitt “for his exceptionally broad and profound contributions to queuing theory, applied probability and stochastic modeling.” His work has involved multiple channel queues in heavy traffic, the continuity of queues, and functional central limit theorems. He has also advanced the fields of communication network performance analysis and traffic modeling, “combining practical insights with limit theorems to develop fundamental tools.”

—From an INFORMS announcement

NRC-Ford Foundation Minority Fellowships Awarded

The names of the recipients of Ford Foundation Minority Fellowships for 2001 have been announced. The fellowship programs are administered by the National Research Council for the purpose of increasing the presence of under-represented groups among faculty members in colleges and universities. The recipients were selected based on merit and promise of future achievement.

DANIEL A. WILEY of Cornell University was awarded a Predoctoral Fellowship. He is a student in the field of applications of mathematics. PAUL A. LOYA of the Massachusetts Institute of Technology received a Postdoctoral Fellowship. He is a student of geometry.

—From an NRC announcement

AAAS Fellows Elected

Five mathematicians have been elected as Fellows of the Mathematics Section of the American Association for the Advancement of Science. The new fellows are JONATHAN M. BORWEIN, Simon Fraser University; JOHN GUCKENHEIMER, Cornell University; BERNARD J. MATKOWSKY, Northwestern University; REINHARD SCHULTZ, University of California, Riverside; and IAN N. STEWART, University of Warwick, United Kingdom.

In addition, ELWYN R. BERLEKAMP of the University of California, Berkeley, was elected a Fellow of the Information, Computing, and Communication Section.

—From an AAAS announcement

Correction

The December 2001 issue of the *Notices* carried the list of speakers for the International Congress of Mathematicians 2002 (ICM 2002), to be held in Beijing in August. After the issue had gone to print, one of the section speakers withdrew (Robert Frederick Coleman of the University of California, Berkeley), and a section speaker was added (Karl Rubin of Stanford University). In addition, the affiliation given for Liming Ge was incomplete; it is the Chinese Academy of Sciences, China, and the University of New Hampshire, USA. The most up-to-date information about ICM 2002 is available on the Web at <http://www.icm2002.org.cn/>.