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# Mathematics People

## Colmez and Le Gall Awarded Fermat Prize

The 2005 Fermat Prize for Mathematics Research has been awarded jointly to PIERRE COLMEZ, Institut de Mathématiques de Jussieu, and JEAN-FRANÇOIS LE GALL, Université Paris VI and École Normale Supérieure. Colmez was honored for his contributions to the study of  $L$ -functions and  $p$ -adic Galois representations. Le Gall was chosen for his contributions to the fine analysis of planar Brownian motion and his invention of the Brownian snake and its applications to the study of nonlinear partial differential equations.

The Fermat Prize is presented every two years and carries a monetary award of 20,000 euros (approximately US\$23,500). The prize rewards the research work of one or more mathematicians in fields in which the contributions of Pierre de Fermat have been decisive: calculus of variations, foundations of probability and analytic geometry, and number theory. The award is given by the Université Paul Sabatier, Toulouse.

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), F. Bethuel and F. Helein (1999), Richard Taylor and Wendelin Werner (2001), and Luigi Ambrosio (2003).

—*Elaine Kehoe*

## AAAS Fellows Elected

Five individuals whose work involves the mathematical sciences have been elected as fellows of the American Association for the Advancement of Science (AAAS). The new fellows are JENNIFER TOUR CHAYES, Microsoft Research; ROBERT M. MIURA, New Jersey Institute of Technology; LINDA R. PETZOLD, University of California, Santa Barbara; T. CHRISTINE STEVENS, St. Louis University; and ROBERT WILLIAMS, University of Texas, Austin.

—*From an AAAS announcement*

## NSF Graduate Fellowships Awarded

The National Science Foundation (NSF) has awarded its Graduate Fellowships for fiscal year 2005. This program supports students pursuing doctoral study in all areas of science and engineering and provides a stipend of US\$18,000 per year for three years of full-time graduate study. Following are the names of the awardees in the mathematical sciences for 2005, followed by their undergraduate institutions (in parentheses) and the institutions at which they plan to pursue graduate work.

JEFFREY M. ARISTOFF (Massachusetts Institute of Technology), Massachusetts Institute of Technology; ETHAN P. ATKINS (Rensselaer Polytechnic Institute), New York University; REID W. BARTON (Massachusetts Institute of Technology), Massachusetts Institute of Technology; JONAH BLASIAK (Princeton University), University of California, Berkeley; JEREMY S. BRANDMAN (Yale University), University of California, Los Angeles; MOOREA L. BREGA (University of Colorado at Boulder), Courant Institute of Mathematical Sciences, New York University; DAVID M. BROWN (University of Arizona), University of California, Berkeley; ALEJANDRO L. CANTARERO (University of Colorado at Boulder), University of California, Los Angeles; MARGARET I. DOIG (University of Notre Dame), University of California, Berkeley; DAMIR D. DZHAFAROV (Purdue University), University of California, Berkeley; JOHN N. FRANCIS (Harvard University), Massachusetts Institute of Technology; ELENA D. FUCHS (University of California, Berkeley) Princeton University; ANTON I. GERASCHENKO (Brandeis University), University of California, Berkeley; JANA L. GEVERTZ (Rutgers University), Princeton University; STACY L. HOEHN (Xavier University), University of Notre Dame; JEFFREY N. HOOD (Reed College), University of British Columbia; KENNETH N. KAMRIN (University of California, Berkeley), Massachusetts Institute of Technology; ADAM W. MARCUS (Georgia Institute of Technology), Georgia Institute of Technology; CARL S. MCTAGUE (University of Cincinnati), Courant Institute of Mathematical Sciences, New York University; AARON C. NABER (Pennsylvania State University), Pennsylvania State University; SARAH A. NOWAK (Massachusetts Institute of Technology), University of California, Los Angeles; MARI BETH B. OSCAMOU (Santa Clara

University), University of Colorado at Boulder; VICTOR M. PANARETOS (Athens University of Economics and Business), University of California, Berkeley; ROBERT C. RHOADES (Bucknell University), Massachusetts Institute of Technology; ERIC M. SCHOENFELD (Williams College), Stanford University; ALEXEY N. SPIRIDONOV (Princeton University), Massachusetts Institute of Technology; KARTIK VENKATRAM (Harvard University), Princeton University; RACHEL A. WARD (University of Texas at Austin), Princeton University; WILLIE W. WONG (Princeton University), Stanford University; CARL R. YERGER (Harvey Mudd College), University of California, San Diego; YEVGENY K. ZAYTMAN (Massachusetts Institute of Technology), Princeton University.

—From an NSF announcement

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**University of Notre Dame**, Notre Dame, IN  
*(features the Erdős Memorial Lecture by Béla Bollobás)*

April 22-23, 2006

**University of New Hampshire**, Durham, NH

April 29-30, 2006

**San Francisco State University**, San Francisco, CA  
*(features the Einstein Public Lecture in Mathematics by Benoît Mandelbrot)*

October 7-8, 2006

**University of Utah**, Salt Lake City, UT

October 21-22, 2006

**University of Cincinnati**, Cincinnati, OH

October 28-29, 2006

**University of Connecticut**, Storrs, CT

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