

Mathematics People

Sujatha Awarded ICTP/IMU Ramanujan Prize

RAMDORAI SUJATHA of the Tata Institute of Fundamental Research has been awarded the 2006 Srinivasa Ramanujan Prize for Young Mathematicians from Developing Countries by the Abdus Salam International Centre for Theoretical Physics (ICTP) and the International Mathematical Union (IMU). Sujatha was honored for her work on the arithmetic of algebraic varieties and her contributions to noncommutative Iwasawa theory.

The Ramanujan Prize is funded by the Niels Henrik Abel Memorial Fund with the cooperation of the International Mathematical Union and is designed to honor researchers under forty-five years of age who have conducted outstanding research in developing countries. The prize carries a cash award of US\$10,000 and a travel allowance to visit ICTP to deliver a prize lecture.

—From an ICTP announcement

NSF CAREER Awards Made

The Division of Mathematical Sciences (DMS) of the National Science Foundation (NSF) has honored eleven mathematicians in fiscal year 2006 with Faculty Early Career Development (CAREER) awards. The NSF established the awards to support promising scientists, mathematicians, and engineers who are committed to the integration of research and education. The grants run from four to five years and range from US\$150,000 to US\$400,000 each. The 2006 CAREER grant awardees in the mathematical sciences and the titles of their grant projects follow.

ANNA GILBERT, University of Michigan, Ann Arbor: Modeling and Analysis of Data from Massive Graphs;

MARK HUBER, Duke University: Perfect Sampling Techniques for High-Dimensional Integration; KIRAN KEDLAYA, Massachusetts Institute of Technology: Cohomological Methods in Algebraic Geometry and Number Theory; DAN KNOFF, University of Texas, Austin: Investigating Ricci Flow Singularity Formation; IRINA MITREA, University of Virginia: Spectral Theory for Singular Integrals, Validated Numerics and Elliptic Problems in Non-Lipschitz Polyhedra: Research and Outreach; MARTIN MOHLENKAMP, Ohio University: Toward Direct Numerical Solution of the Multiparticle Schrödinger Equation; ELCHANAN MOSSEL, University of California, Berkeley: Applications of Probability Theory in Computer Science, Social Choice, Biology, and Statistics; ALEXANDER POSTNIKOV, Massachusetts Institute of Technology: Algebraic Combinatorics and Its Applications; BENJAMIN SUDAKOV, Princeton University: Methods and Challenges in Discrete Mathematics; VAN VU, Rutgers University: Sharp Concentration and Probabilistic Methods; and CHONGCHUN ZENG, Georgia Institute of Technology: Perturbation Problems in PDE Dynamics.

—Elaine Kehoe