Communications

668 WHAT IS...a Coarse Space?
  John Roe

670 What Symmetry Groups
  Are Present in the
  Alhambra?
  Branko Grünbaum

674 Sir Michael Atiyah's
  Einstein Lecture: "The
  Nature of Space"
  G. W. Johnson and Mark E.
  Walker

679 Carleson Receives 2006
  Abel Prize

681 Langlands Receives
  Neumrner Prize

682 Mathematical Sciences in
  the FY 2007 Budget
  Samuel M. Rankin III

Features

640 Honoring a Gift from Kumbakonam
  Ken Ono

  The author describes a visit to the home and
  associated sites of the famed Indian number theorist
  Srinivasa Ramanujan, and tells the story of
  Ramanujan’s life and mathematics.

652 The Millennium Grand Challenge in
  Mathematics
  Arthur M. Jaffe

  The author explains how the Millennium Grand
  Challenge prize problems came to be selected and
  brought to the attention of the mathematical and
  general public.
2006-2007 AMS Centennial Fellowships Awarded; Barrow Receives Templeton Prize; Hejhal Receives Carding Prize; Ferrara, Freedman, and van Nieuwenhuizen Awarded Heineman Prize; Sheffield Awarded Rollo Davidson Prize; Gelfand Awarded Parzen Prize; Mahlburg Honored with Paper of the Year Prize; Vatsal Awarded Ribenboim Prize; Sloan Fellows Announced; NSF Graduate Research Fellowships Announced; Guggenheim Fellowships Awarded; Fulbright Awards Announced; Intel Science Talent Search Winners Announced; Thomas P. Branson (1953-2006).

NSF CAREER Program Guidelines Available, Computational Science Training for Undergraduates in the Mathematical Sciences, Call for Nominations for Sloan Fellowships, Call for Nominations for Allen Prize, Call for Nominations for SASTRA Ramanujan Prize, Call for Nominations for Heineman Prize, Call for Nominations for Vasil Popov Prize, Call for Entries for Pirelli INTERNETional Award, News from CRM Montreal, News from the Fields Institute.

Epsilon Awards for 2006, AMS Names 2006 Mass Media Fellow, AMS Establishes Eisenbud Prize for Mathematics and Physics, AMS Conference on Undergraduate Research, Deaths of AMS Members.

AMS Ethical Guidelines