

The American
Mathematical
Society
announces

Mathematics Research Communities

The AMS invites mathematicians just beginning their research careers to become part of **Mathematics Research Communities**, a new program to develop and sustain long-lasting cohorts for collaborative research projects in many areas of mathematics. Qualified women and underrepresented minorities are especially encouraged to participate. The AMS will provide a structured program to engage and guide all participants as they start their careers. The program will include:

- One-week summer conference for each topic
- Special Sessions at the national meeting
- Discussion networks by research topic
- Ongoing mentoring
- Longitudinal study of early career mathematicians

The summer conferences of the Mathematics Research Communities will be held in the breathtaking mountain setting of the Snowbird Resort, Utah, where participants can enjoy the natural beauty and a collegial atmosphere. **The application deadline for summer 2009 is March 2, 2009.**

This program is supported by a grant from the National Science Foundation.

June 13–19, 2009

Mathematical Challenges of Relativity

Organizers: Milhalis Dafermos (University of Cambridge); Alexandru Ionescu (University of Wisconsin, Madison); Sergiu Klainerman (Princeton University), Chair; Richard Schoen (Stanford University)

June 20–26, 2009

Inverse Problems

Organizers: Guillaume Bal (Columbia University); Allan Greenleaf (University of Rochester); Todd Quinto (Tufts University); Gunther Uhlmann (University of Washington), Chair

June 27–July 3, 2009

Modern Markov Chains and their Statistical Applications

Organizers: Perci Diaconis (Stanford University) Chair; Jim Hobert (University of Florida); Susan Holmes (Stanford University)

Harmonic Analysis

Organizers: Ciprian Demeter (Indiana University); Michael Lacey (Georgia Institute of Technology); Christoph Thiele (UCLA), Chair

www.ams.org/amsmtgs/mrc.html

 **AMS**
AMERICAN MATHEMATICAL SOCIETY

