



## MATHEMATICS RESEARCH COMMUNITIES

Snowbird Resort, Snowbird, Utah

MRC 2010

JUNE 12–18:

### Birational Geometry and Moduli Spaces

Organizers:

Dan Abramovich, *Brown University*  
Izzet Coskun, *University of Illinois at Chicago*  
Tommaso de Fernex, *University of Utah*  
Angela Gibney, *University of Georgia*  
James McKernan, *MIT*

JUNE 19–25:

### Model Theory of Fields

Organizers:

Antoine Chambert-Loir, *Université de Rennes 1*  
Françoise Delon, *CNRS, Université Diderot-Paris 7*  
Ehud Hrushovski, *Hebrew University*  
François Loeser, *École Normale Supérieure*  
Thomas Scanlon, *University of California, Berkeley*  
Carol Wood, *Wesleyan University*

JUNE 26–JULY 2:

### Commutative Algebra

Organizers:

David Eisenbud, *University of California, Berkeley*  
Craig Huneke, *University of Kansas*  
Mircea Mustă, *University of Michigan*  
Claudia Polini, *University of Notre Dame*

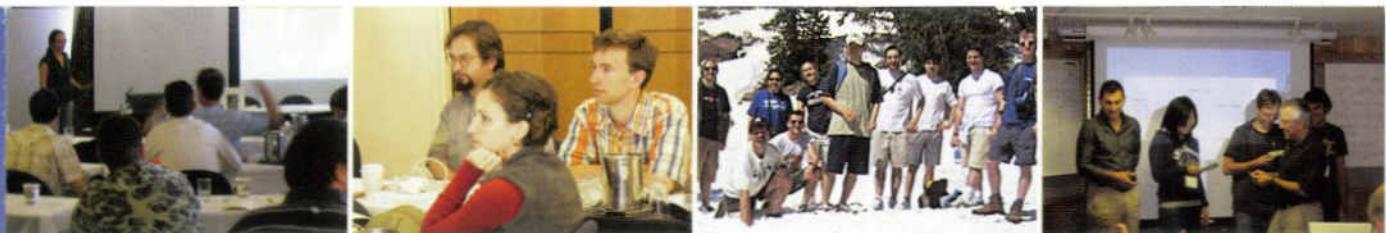
See highlights from this year's MRC at  
[www.ams.org/ams/mrc-2009.html](http://www.ams.org/ams/mrc-2009.html)



## CALL FOR APPLICATIONS

# 2010 MATHEMATICS RESEARCH COMMUNITIES





## ABOUT THE MATHEMATICS RESEARCH COMMUNITIES

Mathematics Research Communities (MRC), a program of the American Mathematical Society (AMS), provides early-career mathematicians—those who are close to finishing their doctorates or have recently finished—with opportunities to build social and collaborative networks to inspire and sustain each other in their work.

The structured program engages and guides all participants as they start their careers. The program includes:

- 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

Those accepted into this program will receive support (full room and board at Snowbird and up to \$600 in air transportation) for the summer conference, and will be partially supported for their participation in the Joint Mathematics Meetings which follow in January 2011. The summer conferences of the MRC are held in the breathtaking mountain setting of the Snowbird Resort, Utah, where participants can enjoy the natural beauty and a collegial atmosphere.

Read more: "Building a Research Career: Mathematics Research Communities," by Allyn Jackson  
(*Notices of the AMS*, February 2008, p. 247)  
[www.ams.org/notices/200802/tx080200247p.pdf](http://www.ams.org/notices/200802/tx080200247p.pdf).

## COMMENTS FROM MRC 2008 PARTICIPANTS

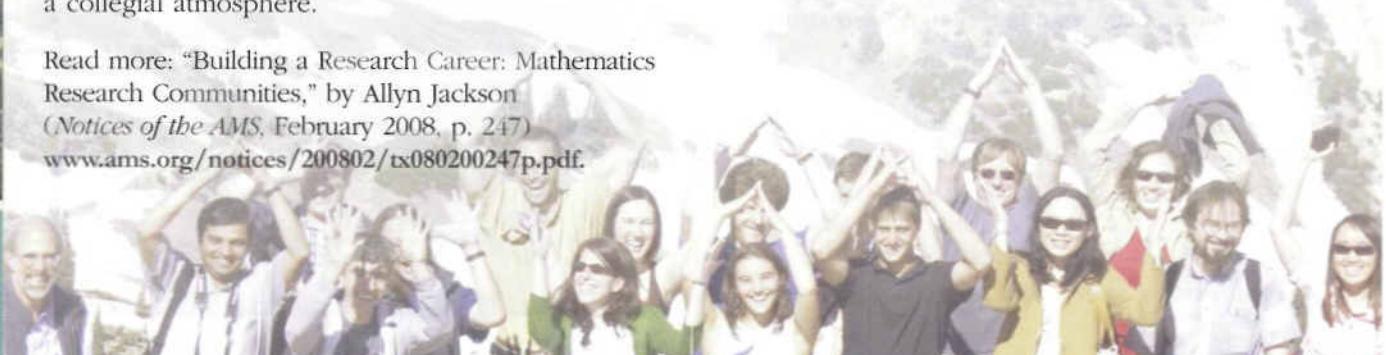
*"It was awesome. The format of ours I think was perfect for what we were intending to do (i.e. work through some exciting new papers). In particular I thought it was nice that we broke up into different small groups each day...because as a result each person sort of had a different combined set of things that they 'really understood' about the paper."*

*"This conference is unique in how it allowed me to make connections with others in my field that could easily blossom into working relationships."*

*"The emphasis on professional development and the focus on young mathematicians set it apart from other conferences."*

*"The relatively unstructured and informal nature of the program presented an opportunity for people to really get to know one another and work together rather than just sitting in lectures together."*

*"Looking back at that week I must say I looooooved the workshop! I've learned so much, the format was great, and the bike in the middle of the week was great too. Really, the best thing of all was to let us go at the pace we needed to understand things."*





## GENERAL INFORMATION FOR MRC PARTICIPANTS

The program pays for room and board for the stay at Snowbird, transportation by van from the Salt Lake City airport to the resort and back, and up to \$600 in air transportation.

### Format of the programs:

Participants should travel to the resort on Saturday, and depart on Friday morning. The scientific sessions begin on Sunday morning and end on Thursday evening each week. Typically, sessions run from 9:00 am to 5:00 pm daily, and on some evenings. The lecture rooms are air-conditioned and equipped with whiteboards, overhead projectors, a computer projector, and screens.

### Accommodations:

Participants are housed in doubles at the Snowbird Resort. The hotel-style accommodations include queen beds, small refrigerators, internet access, and private bathrooms. Amenities include outdoor heated year-round pools, saunas, fitness center, laundry facilities, satellite-cable television, restaurants, and lounges.

### Meals:

Buffet-style meals of hot and cold entrees, beverages, etc. are included in the MRC conference package and are served in a private dining area. We are able to accommodate dietary restrictions.

### Social Events:

There will be a reception at the beginning of the conference, morning and afternoon breaks with light refreshments throughout the week, and a final banquet. A hospitality suite is available to participants each evening, including an honor bar with soft drinks, wine, beer, and snacks.



## HOW TO APPLY

Individuals within one to two years prior to the receipt of their PhDs, or within one to three years after receipt of their PhDs are welcome to apply.

The MRC program is open to individuals who are U.S. citizens as well as to those who are affiliated with U.S. institutions. A few international participants may be accepted. Women and underrepresented minorities are especially encouraged to participate. All participants are expected to be active in the full MRC program.

In addition to the completed application form, you must submit a letter of reference from a mathematician who can discuss how you will benefit and how you will contribute by participating in the MRC program. Instructions on how to apply can be found at the MRC website at [www.ams.org/amsmtgs/mrc-10.html](http://www.ams.org/amsmtgs/mrc-10.html).

**Deadline for 2010 applications: March 1, 2010.**  
All individuals who apply will be notified of the decision before May 1, 2010.

For further information, please contact AMS Associate Executive Director, **Ellen J. Maycock**, at [ejm@ams.org](mailto:ejm@ams.org).

## ABOUT SNOWBIRD RESORT

Situated in a beautiful, breathtaking mountain setting, Snowbird Resort provides an extraordinary environment for the MRC program. The atmosphere is comparable to the collegial gatherings at Oberwolfach and other conferences that combine peaceful natural ambience with stimulating meetings.

MRC participants have access to a range of activities such as a tram ride to the top of the mountain, walking and hiking trails in the surrounding mountains, and swimming in heated outdoor pools. Participants also enjoy the simpler pleasures of convening on the patios at the resort to read, work, and socialize. At the conclusion of the day's program colleagues may enjoy informal gatherings to network and continue discussion of the day's sessions over refreshments.



Within a half hour of the University of Utah, Snowbird is easily accessible from the Salt Lake City International Airport. For more information about Snowbird Resort, see [www.snowbird.com](http://www.snowbird.com).

*"The location is very, very nice. It is such a calm and beautiful place!"*