Meetings & Conferences of the AMS

Syracuse, New York

Syracuse University

October 2–3, 2010
Saturday – Sunday

Meeting #1062
Eastern Section
Associate secretary: Steven H. Weintraub
Announcement issue of *Notices*: June 2010
Program first available on AMS website: August 19, 2010
Program issue of electronic *Notices*: October
Issue of *Abstracts*: Volume 31, Issue 4

Deadlines

For organizers: Expired
For consideration of contributed papers in Special Sessions: Expired
For abstracts: August 10, 2010

The scientific information listed below may be dated. For the latest information, see `www.ams.org/amsmtgs/sectional.html`.

Invited Addresses

Alan Frieze, Carnegie-Mellon University, *Hamilton cycles in random graphs.*

Yan Guo, Brown University, *Asymptotic stability in some fluid problems.*

William Minicozzi, Johns Hopkins University, *Generic singularities of mean curvature flow.*

Andrei Zelevinsky, Northeastern University, *Title to be announced.*

Special Sessions

Advances in Theory and Applications of Evolution Equations (Code: SS 14A), **Tokia Diagana**, Howard University, and **Gaston Ní Guerekata**, **Alexander Pankov**, **Xuming Xie**, and **Guoping Zhang**, Morgan State University.

Analysis, Probability and Mathematical Physics on Fractals (Code: SS 9A), **Luke Rogers**, University of Connecticut, **Robert Strichartz**, Cornell University, and **Alexander Teplyaev**, University of Connecticut.

Analytic Combinatorics (Code: SS 13A), **Miklos Bona**, University of Florida, and **Alex Iosevich**, University of Rochester.

Commutative Algebra and Algebraic Geometry (Code: SS 8A), **Anthony Geramita**, Queen's University, **Graham Leuschke** and **Claudia Miller**, Syracuse University, and **Michael Stillman**, Cornell University.

Difference Equations and Applications (Code: SS 2A), **Michael Radin**, Rochester Institute of Technology.

Geometric Analysis and Flows (Code: SS 12A), **William P. Minicozzi II**, Johns Hopkins University, **Xiaodong Cao**, Cornell University, and **Junfang Li**, University of Alabama at Birmingham.

Graphs Embedded in Surfaces, and Their Symmetries (Code: SS 4A), **Jack E. Graver** and **Mark E. Watkins**, Syracuse University.

Harmonic Analysis (Code: SS 10A), **Dmitriy Bilyk**, University of South Carolina, and **Svitlana Mayboroda**, Purdue University.

Lie Algebras and Representation Theory (Code: SS 15A), **David Hemmer**, State University of New York at Buffalo, and **Emilie Wiesner**, Ithaca College.

Mathematical Image Processing (Code: SS 5A), **Lixin Shen** and **Yuesheng Xu**, Syracuse University.

Nonlinear Analysis and Geometry (Code: SS 1A), **Tadeusz Iwaniec**, **Leonid V. Kovalev**, and **Jani Onninen**, Syracuse University.

Quasiconformal Mappings, Riemann Surfaces, and Teichmüller Spaces (in honor of Clifford J. Earle) (Code: SS 7A), **Yunping Jiang**, Queens College and The Graduate Center, City University of New York, and **Sudeb Mitra**, Queens College, City University of New York.

Representations of Algebras (Code: SS 6A), **Ed Green**, Virginia Polytechnic Institute, **Mark Kleiner** and **Dan**

Zacharia, Syracuse University, and **Andrei Zelevinsky**, Northeastern University.

Several Complex Variables (Code: SS 3A), **Dan F. Coman** and **Evgeny A. Poletsky**, Syracuse University.

Topology and Combinatorics (Code: SS 11A), **Laura Anderson**, SUNY Binghamton, and **Patricia Hersh**, North Carolina State University.

Los Angeles, California

University of California Los Angeles

October 9–10, 2010

Saturday – Sunday

Meeting #1063

Western Section
Associate secretary: Michel L. Lapidus
Announcement issue of *Notices*: August 2010
Program first available on AMS website: August 26, 2010
Program issue of electronic *Notices*: October 2010
Issue of *Abstracts*: Volume 31, Issue 4

Deadlines

For organizers: Expired
For consideration of contributed papers in Special Sessions: Expired
For abstracts: August 17, 2010

The scientific information listed below may be dated. For the latest information, see www.ams.org/amsmtgs/sectional.html.

Invited Addresses

Greg Kuperberg, University of California Davis, *Title to be announced*.

Cris Moore, University of New Mexico, *Title to be announced*.

Stanley Osher, University of California Los Angeles, *Title to be announced*.

Terence Tao, University of California Los Angeles, *The cosmic distance ladder* (Einstein Public Lecture in Mathematics).

Melanie Wood, Princeton University, *Title to be announced*.

Special Sessions

Algebraic Structures in Knot Theory (Code: SS 8A), **Sam Nelson**, Claremont McKenna College, and **Carmen Caprau**, California State University Fresno.

Applications of Nonlinear PDE (Code: SS 5A), **Susan J. Friedlander** and **Igor Kukavica**, University of Southern California.

Automorphic Forms and Number Theory (Code: SS 12A), **William Duke**, University of California Los Angeles, **Ozlem**

Imamoglu, ETH Zurich, and **Kimberly Hopkins**, University of California Los Angeles.

Combinatorics and Probability on Groups (Code: SS 3A), **Jason Fulman** and **Robert Guralnick**, University of Southern California, and **Igor Pak**, University of California Los Angeles.

Continuous and Discrete Dynamical Systems (Code: SS 11A), **Mario Martelli**, Claremont Graduate University, and **Robert Sacker**, University of Southern California.

Extremal and Probabilistic Combinatorics (Code: SS 4A), **Benny Sudakov**, University of California Los Angeles, and **Jacques Verstraete**, University of California San Diego.

Free Probability and Subfactors (Code: SS 17A), **Edward Effros** and **Dimitri Shlyakhtenko**, University of California Los Angeles, and **Dan-Virgil Voiculescu**, University of California Berkeley.

Global Geometric Analysis (Code: SS 13A), **William Wylie**, University of Pennsylvania, **Joseph E. Borzellino**, California State University San Luis Obispo, and **Peter Petersen**, University of California Los Angeles.

Harmonic Analysis (Code: SS 9A), **Christoph Thiele**, University of California Los Angeles, and **Ignacio Uriarte-Tuero** and **Alexander Volberg**, Michigan State University.

Homotopy Theory and K-theory (Code: SS 10A), **Julie Bergner**, University of California Riverside, and **Christian Haesemeyer**, University of California Los Angeles.

Large Cardinals and the Continuum (Code: SS 2A), **Matthew Foreman**, University of California Irvine, **Alekos Kechris**, California Institute for Technology, **Itay Neeman**, University of California Los Angeles, and **Martin Zeman**, University of California Irvine.

Mathematical Models of Random Phenomena (Code: SS 7A), **Mark Burgin**, University of California Los Angeles, and **Alan C. Krinik**, California State Polytechnic University Pomona.

Mathematics of Criminality (Code: SS 14A), **Andrea Bertozzi**, **Martin Short**, and **George Mohler**, University of California Los Angeles.

Metric and Riemannian Methods in Shape Analysis (Code: SS 16A), **Andrea Bertozzi** and **Mario Micheli**, University of California Los Angeles.

Nonlinear Phenomena - Applications of PDEs to Fluid Flows (Code: SS 15A), **Andrea Bertozzi**, **Nebojsa Murisic**, and **David Uminsky**, University of California Los Angeles.

Recent Trends in Probability and Related Fields (Code: SS 6A), **Marek Biskup**, University of California Los Angeles, **Yuval Peres**, Microsoft Research, and **Sebastien Roch**, University of California Los Angeles.

Rigidity in von Neumann Algebras and Ergodic Theory (Code: SS 18A), **Adrian Ioana**, University of California Los Angeles, **Narutaka Ozawa**, Tokyo University, and **Sorin Popa** and **Yehudah Shalom**, University of California Los Angeles.

Topology and Symplectic Geometry (Code: SS 1A), **Robert Brown** and **Ciprian Manolescu**, University of California Los Angeles, and **Stefano Vidussi**, University of California Riverside.

Accommodations

Participants should make their own arrangements directly with a hotel of their choice as early as possible. Special rates (rates do not include any applicable taxes) have been negotiated with the hotels listed below. The AMS is not responsible for rate changes or for the quality of the accommodations. When making a reservation, **participants should state that they are with the AMS meeting**. Cancellation and early checkout penalties may apply; be sure to check when you make your reservations. All rooms will be on a space available basis after the deadline given.

Claremont Hotel, 1044 Tiverton Ave., Los Angeles, CA 90024; Main: 310-208-5957, Reservations/Information: 800-266-5957, Fax: 310-208-2386; US$78.66 (tax included in the rate). Approx. 6 blocks to the UCLA Math Dept. Visit: www.claremonthotel.net. **Deadline: September 8, 2010.**

Hotel Angeleno, 170 N. Church Lane, Los Angeles, CA 90049; 310-476-6411, fax: 310- 472-1157; US$145.00 per night, king/double. Parking US$18.00 per night. This hotel is not within walking distance of the meeting. Complimentary shuttle service within 3 miles, based on availability. Approx. 3 miles to UCLA. Please visit: www.jdvhotels.com/hotels/losangeles/angeleno. **Deadline: September 24, 2010.**

Palomar Hotel, 10740 Wilshire Blvd., Los Angeles, CA 90024; 310-475-8711, fax: 310- 475-5220; US$155.00+tax per night, deluxe king/deluxe double. Complimentary house car service within 3 miles, based on availability. Approx. 3 miles to UCLA. Please visit: www.hotelpalomar-lawestwood.com. **Deadline: September 8, 2010.**

Royal Palace Hotel, 1052 Tiverton Ave., Los Angeles, CA 90024; 310-208-6677, fax: 824-3732; US$111.60+tax–queen, US$134.10+tax–double queen & minisuite. Approx. 6 blocks to the UCLA Math Dept. Please visit: www.royalpalacewestwood.com. **Deadline: September 8, 2010.**

UCLA Tiverton House Hotel, 900 Tiverton Ave., Los Angeles, CA 90095-8354; 310-794-0280, fax: 301-794-0153; US$139.00 per night. Approx. 5 blocks to the UCLA Math Dept. Please visit: www.tivertonhouse.ucla.edu. **Deadline: September 8, 2010.**

Food Service

Many of the restaurants on campus will be open. Please see the websites below for their locations. http://www.asucla.ucla.edu/restaurants/index.asp, http://www.asucla.ucla.edu/restaurants/map.asp. There are many restaurants in the Westwood area serving a variety of food choices: http://www.wherethelocalseat.com/Best-Restaurants/Search/?smode=0&sterm=34.064430%2C-118.444618%2C~UCLA&smiles=5.

Local Information

For further information please consult the websites maintained by UCLA: http://www.ucla.edu/, http://www.ucla.edu/about.html, http://map.ais.ucla.edu/portal/site/UCLA/menuitem.789d0eb6c76e7ef0d66 b02ddf848344a/?vgnextoid=b06aaad23985c010VgnVCM200000dd6643a4RCRD (campus maps).

Other Activities

AMS Book Sale (Math Sciences 6620): Stop by the on-site AMS Bookstore—review the newest titles from the AMS, enter the FREE book drawing, enjoy up to 25% off all titles, or even take home the new AMS T-shirt! Complimentary coffee will be served courtesy of the UCLA Department of Mathematics and AMS Membership Services.

AMS Editorial Activity: An acquisitions editor from the AMS book program will be present to speak with prospective authors. If you have a book project that you would like to discuss with the AMS, please stop by the book exhibit.

AMS Einstein Public Lecture in Mathematics: The next Einstein Public Lecture will be given by Terrence Tao, University of California Los Angeles. The title of his talk is The Cosmic Distance Ladder. The lecture will be given at Saturday, October 9, at 6:15 p.m., Schoenberg Hall on the UCLA campus. A reception hosted by the Department of Mathematics and the AMS will take place at 7:45 p.m. The location will be announced at a later date.

Since a very large audience is expected, an RSVP for planning purposes is encouraged but not required. For further information about the lecture and to RSVP visit the public events page maintained by the UCLA Department of Mathematics at http://www.math.ucla.edu/events/publicevents.shtml.

Parking

Parking has been reserved in Lot 9 which is next to Boelter Hall and the Mathematical Sciences Building. You should refer to the group reservation name of AMS. As of April 2010, parking is $10.00 per day. http://www.transportation.ucla.edu/portal/maps/parkingmap/0206UCLAParkingMap.htm.

Registration and Meeting Information

The meeting will be held at the University of California, Los Angeles (UCLA). All of the activities for the meeting, including registration, invited lectures, special sessions, and book exhibit will take place in the Mathematical Sciences Building and Boelter Hall.

The registration desk will be in Math Sciences, Room 6620 and will be open from 7:30 a.m. to 4:00 p.m. on Saturday, October 9, and 8:00 a.m. to noon on Sunday, October 10. Fees are US$50 For AMS or CMS members, US$70 for nonmembers; and US$5 for students/unemployed/emeritus, payable on site by cash check or credit card.

Travel

Los Angeles International Airport is located approximately 30 miles from UCLA and is served by all major airlines. Shuttle service is available from LAX to UCLA for approximately US$35.00 round-trip. For reservations/information visit http://www.supershuttle.com/. Taxi service is also available, which is approximately US$40.00 one way. There is also the Flyaway Bus service from LAX to UCLA. The cost is approximately US$10.00 round-trip (cash only). It drops off at Lot 32 which is within walking

distance of the hotels and UCLA. Please see: `http://map.ais.ucla.edu/go/1003097` and `http://www.lawa.org/welcome_LAX.aspx?id=292`.

Driving Directions to UCLA Campus. Locate UCLA by Zip code (90095) or by street address (405 Hilgard Avenue). UCLA's main campus is bounded by Sunset Blvd. on the north and Le Conte Ave. on the south; the east border is Hilgard Ave. and the west border is Gayley Ave.

From the 405 (San Diego Freeway):

If driving from 405 North: Take 405 (San Diego Freeway) to Wilshire Blvd. East and travel east three blocks to Westwood Blvd. Turn Left on Westwood Blvd. Travel five blocks to Information & Parking Booth.

From 405 South: Take 405 (San Diego Freeway) to Sunset East. Take Sunset east to Westwood Plaza. Turn right on Westwood Plaza. Proceed straight to Information & Parking Booth.

From the east via the 10 (Santa Monica Freeway): Take 10 (Santa Monica Freeway) to 405 (San Diego Freeway) North. Take 405 (San Diego Freeway) to Wilshire Blvd. East. Travel east three blocks to Westwood Blvd. Turn left on Westwood Blvd. Travel five blocks to Information & Parking Booth.

Car Rental

Avis is the official car rental company for the sectional meeting in Albuquerque. All rates include unlimited free mileage. Weekend daily rates are available from noon Thursday to Monday at 11:59 p.m. Rates do not include any state or local surcharges, tax, optional coverages, or gas refueling charges. Renters must meet Avis's age, driver, and credit requirements. For the best available rate and to make a reservation please call Avis at 800-331-1600 or go online at `http://www.avis.com`. Please use the **AMS meeting Avis Discount Number J098887**.

Weather

Los Angeles weather during October is generally warm in the daytime and cool at night. `http://www.losangeles.com/weather/`.

Information for International Participants

Visa regulations are continually changing for travel to the United States. Visa applications may take from three to four months to process and require a personal interview, as well as specific personal information. International participants should view the important information about travel to the U.S. found at `http://www7.nationalacademies.org/visas/Traveling_t_U.S.html` and `http://travel.state.gov/visa/index.html`. If you need a preliminary conference invitation in order to secure a visa, please send your request to `dls@ams.org`.

If you discover you do need a visa, the National Academies website (see above) provides these tips for successful visa applications:

* Visa applicants are expected to provide evidence that they are intending to return to their country of residence. Therefore, applicants should provide proof of "binding" or sufficient ties to their home country or permanent residence abroad. This may include documentation of the following:

  - Family ties in home country of legal permanent residence
  - Property ownership
  - Bank accounts
  - Employment contract or statement from employer stating the position will continue when the employee returns;

* Visa applications are more likely to be successful if done in a visitor's home country than in a third country;

* Applicants should present their entire trip itinerary, including travel to any countries other than the United States, at the time of their visa application; include a letter of invitation from the meeting organizer or the U.S. host, specifying the subject, location and dates of the activity, and how travel and local expenses will be covered;

* If travel plans will depend on early approval of the visa application, specify this at the time of the application;

*Provide proof of professional scientific and/or educational status (students should provide a university transcript).

This list is not to be considered complete. Please visit the websites for the most up-to- date information.

Notre Dame, Indiana

Notre Dame University

November 5–7, 2010

Friday – Sunday

Meeting #1064

Central Section
Associate secretary: Georgia Benkart
Announcement issue of *Notices*: September 2010
Program first available on AMS website: September 23, 2010
Program issue of electronic *Notices*: November 2010
Issue of *Abstracts*: Volume 31, Issue 4

Deadlines

For organizers: Expired
For consideration of contributed papers in Special Sessions: July 27, 2010
For abstracts: September 14, 2010

The scientific information listed below may be dated. For the latest information, see `www.ams.org/amsmtgs/sectional.html`.

Invited Addresses

Laura DeMarco, University of Illinois at Chicago, *Title to be announced*.

Jordan Ellenberg, University of Wisconsin, *Title to be announced*.

David Fisher, Indiana University, *Title to be announced*.

Jared Wunsch, Northwestern University, *Title to be announced*.

Special Sessions

Algebraic Group Actions on Affine Varieties (Code: SS 25A), **Harm Derksen**, University of Michigan, and **Gene Freudenburg**, University of Western Michigan.

Algebraic and Topological Combinatorics (Code: SS 9A), **John Shareshian**, Washington University, and **Bridget Tenner**, DePaul University.

Applications of Stochastic Processes in Cell Biology (Code: SS 20A), **Peter Thomas**, Case Western University.

Arithmetic, Groups and Geometry (Code: SS 23A), **Jordan Ellenberg**, University of Wisconsin, and **Michael Larsen**, Indiana University.

Commutative Algebra and Its Interactions with Algebraic Geometry (Code: SS 2A), **Claudia Polini**, University of Notre Dame, **Alberto Corso**, University of Kentucky, and **Bernd Ulrich**, Purdue University.

Complex Analysis and Dynamical Systems (Code: SS 15A), **Laura DeMarco**, University of Illinois at Chicago, and **Jeffrey Diller**, University of Notre Dame.

Computability and Its Applications (Code: SS 11A), **Peter Cholak**, **Peter Gerdes**, and **Karen Lange**, University of Notre Dame.

Computation, Analysis, Modeling in PDE and their Applications (Code: SS 17A), **Bei Hu** and **Yongtao Zhang**, University of Notre Dame.

Computational Electromagnetics and Acoustics (Code: SS 18A), **David Peter Nicholls**, University of Illinois at Chicago.

Differential Geometry and its Applications (Code: SS 16A), **Jianguo Cao** and **Brian Smyth**, University of Notre Dame.

Geometry and Lie Theory (Code: SS 10A), **John Caine** and **Samuel Evens**, University of Notre Dame.

Graphs and Hypergraphs (Code: SS 19A), **David Galvin**, University of Notre Dame, and **Hemanshu Kaul**, Illinois Institute of Technology.

Groups, Representations, and Characters (Code: SS 4A), **James P. Cossey**, University of Akron, and **Mark Lewis**, Kent State University.

Hilbert Functions in Commutative Algebra and Algebraic Combinatorics (Code: SS 3A), **Fabrizio Zanello**, Michigan Technological University, **Juan Migliore**, University of Notre Dame, and **Uwe Nagel**, University of Kentucky.

Interdisciplinary Session on Deterministic and Stochastic Partial Differential Equations (Code: SS 5A), **Nathan Glatt-Holtz**, Indiana University, and **Vlad Vicol**, University of Southern California.

Mathematical Modeling and Computation with Applications in Biology (Code: SS 22A), **Mark Alber** and **Zhiliang Xu**, University of Notre Dame.

Nonlinear Evolution Equations (Code: SS 7A), **Alex Himonas** and **Gerard Misiolek**, University of Notre Dame.

Number Theory and Physics (Code: SS 8A), **Adrian Clingher**, University of Missouri St. Louis, **Charles Doran**, University of Alberta, **Shabnam N. Kadir**, Wilhelm Leibniz Universitat, and **Rolf Schimmrigk**, Indiana University.

Numerical Algebraic Geometry (Code: SS 13A), **Daniel J. Bates**, Colorado State University, **Jonathan D. Hauenstein**, Texas A&M University, **Andrew J. Sommese**, University of Notre Dame, and **Charles W. Wampler**, General Motors.

Quasigroups, Loops, and Nonassociative Division Algebras (Code: SS 6A), **Clifton E. Ealy**, Western Michigan University, **Stephen Gagola**, University of Arizona, **Julia Knight**, University of Notre Dame, **J. D. Phillips**, Northern Michigan University, and **Petr Vojtechovsky**, University of Denver.

Rigidity (Code: SS 24A), **David Fisher**, Indiana University, and **Ralf Spatzier**, University of Michigan.

Singularities in Algebraic Geometry (Code: SS 1A), **Nero Budur**, University of Notre Dame, and **Lawrence Ein**, University of Illinois at Chicago.

The Geometry of Submanifolds (Code: SS 21A), **Yun Myung Oh**, Andrews University, **Mihaela Vajiac**, Chapman University, and **Ivko Dimitric**, Pennsylvania State University.

Topology, Geometry and Physics (Code: SS 14A), **Ralph Kaufmann**, Purdue University, and **Stephan Stolz**, University of Notre Dame.

Undergraduate Mathematics Education: A Vision for the 21st Century (Code: SS 12A), **Steven Broad**, St. Mary's College, **Nahid Erfan** and **Alex Himonas**, University of Notre Dame, and **Morteza Shafii-Mousavi**, Indiana University South Bend.

Richmond, Virginia

University of Richmond

November 6–7, 2010

Saturday – Sunday

Meeting #1065

Southeastern Section
Associate secretary: Matthew Miller
Announcement issue of *Notices*: September 2010
Program first available on AMS website: September 23, 2010
Program issue of electronic *Notices*: November 2010
Issue of *Abstracts*: Volume 31, Issue 4

Deadlines

For organizers: Expired
For consideration of contributed papers in Special Sessions: July 27, 2010
For abstracts: September 14, 2010

The scientific information listed below may be dated. For the latest information, see www.ams.org/amsmtgs/sectional.html.

Invited Addresses

Matthew H. Baker, Georgia Institute of Technology, *Preperiodic points and unlikely intersections.*

Michael J. Field, University of Houston, *Title to be announced.*

Sharon R. Lubkin, North Carolina State University, *Model perspectives on self-organizing tissues.*

Stefan Richter, University of Tennessee, Knoxville, *Title to be announced.*

Special Sessions

Applications of Non-Archimedean Geometry (Code: SS 6A), **Matthew H. Baker**, Georgia Institute of Technology, and **Xinyi Yuan**, Harvard University.

Codes and Designs (Code: SS 13A), **James A. Davis**, University of Richmond, and **Qing Xiang**, University of Delaware.

Computational and Applied Mathematics (Code: SS 11A), **Ludwig Kohaupt**, Beuth University, and **Mohammad Siddique**, Fayetteville State University.

Convexity and Combinatorics (Code: SS 9A), **Valeriu Soltan** and **James F. Lawrence**, George Mason University.

Differential Equations and Applications to Physics and Biology (Code: SS 8A), **Junping Shi**, College of William and Mary, and **Zhifu Xie**, Virginia State University.

Geometry of Banach Spaces and Connections with Other Areas (Code: SS 12A), **Frank Sanacory**, College at Old Westbury, and **Kevin Beanland**, Virginia Commonwealth University.

History of Mathematics: A Transnational Discourse (Code: SS 14A), **Della Fenster**, University of Richmond, and **Frédéric Brechenmacher**, University of Lille-North of France-Université d'Artois.

Kac-Moody Algebras, Vertex (Operator) Algebras, and Applications (Code: SS 7A), **William J. Cook**, Appalachian State University, and **Kailash C. Misra**, North Carolina State University.

Mathematical Models in Biology and Medicine (Code: SS 10A), **Lester Caudill**, University of Richmond.

Mathematics and the Arts (Code: SS 5A), **Michael J. Field**, University of Houston, **Gary R. Greenfield**, University of Richmond, and **Reza Sarhangi**, Towson University.

Minimum Rank Problems (Code: SS 3A), **Lon H. Mitchell**, Virginia Commonwealth University, and **Sivaram K. Narayan**, Central Michigan University.

Numerical Methods for Solving Partial Differential Equations in Practice (Code: SS 15A), **Kathryn Trapp**, University of Richmond, and **Katie Gurski**, Howard University.

Operator Theory (Code: SS 2A), **Stefan Richter**, University of Tennessee, and **William T. Ross**, University of Richmond.

Statistical Properties of Dynamical Systems (Code: SS 4A), **Michael J. Field** and **Matthew J. Nicol**, University of Houston.

Topics in Graph Theory (Code: SS 1A), **Daniel W. Cranston**, Virginia Commonwealth University, and **Gexin Yu**, College of William & Mary.

Pucón, Chile

December 15–18, 2010
Wednesday – Saturday

Meeting #1066

First Joint International Meeting between the AMS and the Sociedad de Matematica de Chile will be held at the Universidad de la Frontera in Pucón, an attractive venue in southern Chile, from Wednesday, December 15, to Saturday, December 18, 2010. Please watch the website maintained by the local organizers for the most up-to-date information at http://ams2010.somachi.cl/.

Associate secretary: Steven H. Weintraub
Announcement issue of *Notices*: August 2010
Program first available on AMS website: Not applicable
Program issue of electronic *Notices*: Not applicable
Issue of *Abstracts*: Not applicable

Deadlines

For organizers: Expired
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

The scientific information listed below may be dated. For the latest information, see www.ams.org/amsmtgs/internmtgs.html.

AMS Invited Addresses

Ricardo Baeza, Universidad de Talca, Chile, *p-cohomological dimension of fields of characteristic p.*

Igor Dolgachev, University of Michigan, *Cremona groups and their subgroups.*

Andres Navas, Universidad de Santiago de Chile, *Probabilistic, dynamical and topological aspects of orderable groups.*

Rodolfo Rodriguez, Universidad de Concepcion, *Numerical solution of time-domain electromagnetic problems arising from some metallurgical processes.*

Gunther Uhlmann, University of Washington, *Inside-out: Inverse problems.*

S. R. Srinivasa Varadhan, New York University, *Large deviations.*

AMS Special Sessions

Algebra and Model Theory, **Thomas Scanlon**, University of California, Berkeley, **Xavier Vidaux**, Universidad de Concepcion, **Charles Steinhorn**, Vassar College, and **Alf Onshuus**, Universidad de los Andes, Columbia.

Algebraic Modeling of Knotted Objects, **Vaughan F. R. Jones**, University of California, Berkeley, **Jesús Juyumaya**, Universidad de Valparaìso, **Louis H. Kauffman**, University of Illinois at Chicago, and **Sofia Lambropoulou**, National Technical University of Athens.

Applications of Differential and Difference Equations in Biology and Ecology, **J. Robert Buchanan**, Millersville University, **Fernando Córdova**, Universidad Católica de

Maule, and **Jorge Velasco Hernandez**, Institute Nacional de Petroleo.

Arithmetic of Quadratic Forms and Integral Lattices, **Maria Ines Icaza**, Universidad de Talca, Chile, **Wai Kiu Chan**, Wesleyan University, and **Ricardo Baeza**, Universidad de Talca, Chile.

Automorphic Forms and Dirichlet Series, **Yves Martin**, Universidad de Chile, Chile, and **Solomon Friedberg**, Boston College.

Complex Algebraic Geometry, **Giancarlo Urzua** and **Eduardo Cattani**, University of Massachusetts.

Foliations and Dynamics, **Andrés Navas**, Universidad de Santiago de Chile, and **Steve Hurder**, University of Illinois at Chicago.

Group Actions: Probability and Dynamics, **Andrés Navas**, Universidad de Santiago de Chile, and **Rostislav Grigorchuk**, University of Texas.

Inverse Problems and PDE Control, **Matias Courdurier**, Pontificia Universidad Católica de Chile, **Axel Osses**, Universidad de Chile, and **Gunther Uhlmann**, University of Washington.

Non-Associative Algebras, **Alicia Labra**, Universidad de Chile, and **Kevin McCrimmon**, University of Virginia.

Probability and Mathematical Physics, **Hui-Hsiung Kuo**, Louisiana State University, and **Rolando Rebolledo**, Pontificia Universidad Católica de Chile.

Representation Theory, **Jorge Soto Andrade**, Universidad de Chile, and **Philip Kutzko**, University of Iowa.

Spectral Theory and Mathematical Physics, **Bruno Nachtergaele**, University of California, Davis, and **Rafael Tiedra**, Pontificia Universidad Católica de Chile.

Abstracts Submission

The first deadline for abstracts was June 4, 2010 (for those interested in an early response), and the second deadline is September 10, 2010. Talks are invited in any area of the mathematical sciences falling under the heading of one of the special sessions already listed, with acceptance at the discretion of the organizers. Please note that special sessions have limited time slots.

To submit an abstract please download the template found at ams2010@somachi.cl, and follow the instructions to email it back by the deadline, indicating the special session of your interest.

Conference Location

All scientific sessions and events will take place at the Universidad de la Frontera in Pucón, in southern Chile, from Wednesday, December 15 to Saturday, December 18, 2010.

Local Information/Travel

Pucón is one of the most important tourist attractions of southern Chile. This destination is located some 760 km (475 miles) south of Santiago. The town is in a region highly attractive for its luxurious vegetation, large valleys, forests, lakes, rivers, waterfalls, thermal centers, volcanoes, and national parks, all of which invite the visitor to revive the experience and history of both the native villages and the Spanish Conquest.

Currency Exchange

There are many ATMs (Redbanc network) in Chile, including Pucón. You can also exchange money in banks or at *Casas de Cambio* (currency exchange offices). Banks are open from 9:00 a.m. to 2:00 p.m., Monday through Friday; *Casas de Cambio* are usually open from 9:30 a.m. to 6:00 p.m. The government does not regulate the market of foreign currency in Chile, and therefore the exchange rate fluctuates. The current exchange rate is about 520 (Chilean pesos) for US$1.

Travel

Upon arrival in Santiago Airport, United States, Australian, Canadan and Mexican citizens must pay a reciprocity tax before proceeding to immigration control; for U.S. citizens this tax is US$131. Credit cards are accepted; this tax payment is valid for repeated entries into Chile until your passport expires. Visitors to Chile from the U.S. do not need a visa. For more information see http://www.chile-usa.org/visasgral.htm. Citizens of other countries should contact the Chilean Consulate closest to their place of residence (http://chile-usa.org/consular.htm).

The following products should not be brought into Chile as a fine will be charged: milk products, meat, fresh fruit and vegetables, nuts and dried fruits, plants and seeds. Bringing these products into Chile is seen as a very serious offense, so please make sure you eat or dispose of these products before arriving at the airport. For more information please see www.aeropuertosantiago.cl. (Click on the British flag icon in the upper right corner to view this information in English.)

Most people will be immediately continuing their flight to Temuco airport. Pucón is about 100 km away; buses, taxis and shuttle vans run often between both cities.

The meeting organization will offer shuttle vans travelling from Temuco airport to Pucón, about 100 km away, and from Pucón to Temuco airport, on dates and times to be announced. Participants should indicate their interest during registration.

For additional information on Pucón, such as weather and electricity, please see below.

Accommodations

The official hotel for the conference is the Gran Hotel Pucón. This is a 4-star hotel, surrounded by imposing natural beauty and the Villarrica volcano. It is located at the shores of Villarrica Lake. The rooms are equipped with cable TV, fridge bar, telephone with direct national and international dialing, ambience music, safety box, and all the necessary comforts. The common areas provide free access to Wi-Fi. Rates (per room, per night) are US$130/single and US$100/double for Superior or Standard room.

Reservations can be made in the near future via the conference website.

For a list of other accommodations visit www.welcomechile.com/pucon/hotels.html.

Registration

General registration includes conference documents, opening reception and tea/coffee breaks. The general registration fee for AMS or SOMACHI members is US$120, for non-AMS-SOMACHI members the fee is US$180, and student registration is US$60.

Additional information about registration procedures will be available soon at conference website.

Opening Reception and Conference Banquet

A reception will take place after the opening ceremony, on Wednesday evening, December 15; all registered participants are invited. The conference banquet will be held on Friday evening, December 17 (optional, US$40). Additional information will be announced on the conference website.

Weather

In December the average maximum daytime temperature at Pucon Airport is a comfortable 22°C (71°F). On average 96 mm (3.8 inches) of rainfall is expected at Pucon Airport during December, with rain generally falling on just 4 days of the month. There are usually 11 hours of bright sunshine each day, which represents 74% of daylight hours.

New Orleans, Louisiana

New Orleans Marriott and Sheraton New Orleans Hotel

January 6–9, 2011
Thursday – Sunday

NOTE! New Dates

Meeting #1067

Joint Mathematics Meetings, including the 117th Annual Meeting of the AMS, 94th Annual Meeting of the Mathematical Association of America, annual meetings of the Association for Women in Mathematics (AWM) and the National Association of Mathematicians (NAM), and the winter meeting of the Association for Symbolic Logic (ASL), with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).

Associate secretary: Steven H. Weintraub
Announcement issue of *Notices*: October 2010
Program first available on AMS website: November 1, 2010
Program issue of electronic *Notices*: January 2011
Issue of *Abstracts*: Volume 32, Issue 1

Deadlines

For organizers: Expired
For consideration of contributed papers in Special Sessions: July 28, 2010
For abstracts: September 22, 2010

The scientific information listed below may be dated. For the latest information, see www.ams.org/amsmtgs/national.html.

Joint Invited Addresses

Kannan Soundararajan, Stanford University, *To be announced* (AMS-MAA Invited Address).

Chuu-Lian Terng, University of California Irvine, *Title to be announced* (AMS-MAA Invited Address).

AMS Invited Addresses

Denis Auroux, University of California Berkeley, *Title to be announced.*

Andrea L. Bertozzi, University of California Los Angeles, *Title to be announced.*

Alexander Lubotzky, The Hebrew University of Jerusalem, *Expander graphs in pure and applied mathematics,* (AMS Colloquium Lectures).

George Papanicolaou, Stanford University, *Title to be announced* (AMS Josiah Willard Gibbs Lecture).

Scott Sheffield, Massachusetts Institute of Technology, *Title to be announced.*

Tatiana Toro, University of Washington, *Title to be announced.*

Akshay Venkatesh, Stanford University, *Title to be announced.*

AMS Special Sessions

Some sessions are cosponsored with other organizations. These are noted within the parenthesis at the end of each listing, where applicable.

Analysis of Reaction-Diffusion Models (Code: SS 31A), **Junping Shi**, College of William and Mary, and **Xuefeng Wang**, Tulane University.

Analytic and Geometric Methods in Representation Theory (Code: SS 38A), **Leticia Barchini**, Oklahoma State University, and **Hongyu He**, Louisiana State University.

Applications of Stochastic Processes in Neuroscience (Code: SS 21A), **Peter Thomas**, Case Western Reserve University, **Kreso Josic**, University of Houston, and **Carson C. Chow**, Institutes of Health (AMS-SIAM).

Applied Optimization and Douglas-Rachford Splitting Methods for Convex Programming (Code: SS 15A), **Ram U. Verma**, Seminole State College of Florida.

Asymptotic Methods in Analysis with Applications (Code: SS 10A), **Diego Dominici**, State University of New York at New Paltz, and **Peter A. McCoy**, U.S. Naval Academy.

Boundary Control and Moving Interface in Coupled Systems of Partial Differential Equations (Code: SS 53A), **Lorena Bociu**, University of Nebraska-Lincoln, and **Jean-Paul Zolesio**, CNRS-INLN and INRIA, Sophia Antipolis, France.

Centers for Teaching/Education/Outreach in Departments of Mathematics (Code: SS 14A), **Michael E. Mays**, West Virginia University (AMS-MAA).

Combinatorial Algebraic Geometry (Code: SS 42A), **Frank Sottile**, Texas A&M University, and **Alexander T. Yong**, University of Illinois, Urbana-Champaign.

Completely Integrable Systems, Random Matrices, and the Bispectral Problem (Code: SS 28A), **Bojko Bakalov**, North Carolina State University, **Michael Gekhtman**, University of Notre Dame, **Plamen Iliev**, Georgia Institute

of Technology, and **Milen T. Yakimov**, Louisiana State University.

Computational Algebraic and Analytic Geometry for Low-Dimensional Varieties (Code: SS 47A), **Mika K. Seppala**, Florida State University, **Tanush Shaskas**, Oakland University, and **Emil Volcheck**, National Security Agency.

Continued Fractions (Code: SS 40A), **James G. McLaughlin**, West Chester University, and **Nancy J. Wyshinski**, Trinity College.

Control and Inverse Problems for Partial Differential Equations (Code: SS 33A), **Ana-Maria Croicu** and **Michele L. Joyner**, Kennesaw State University.

Difference Equations and Applications (Code: SS 6A), **Michael A. Radin**, Rochester Institute of Technology.

Dirac Operators (Code: SS 61A), **Craig A. Nolder**, Florida State University, and **John Ryan**, University of Arkansas.

Expander Graphs in Pure and Applied Mathematics (Code: SS 66A), **Alireza Salehi Golsefidy**, Princeton University, and **Alexander Lubotzky**, Hebrew University of Jerusalem.

Formal Mathematics for Mathematicians: Developing Large Repositories of Advanced Mathematics (Code: SS 12A), **Krystyna M. Kuperberg**, Auburn University, and **Andrzej Trybulec**, **Artur Kornilowicz**, and **Adam Naumowicz**, University of Bialystok.

Geometric Group Theory (Code: SS 46A), **Joshua B. Barnard**, University of South Alabama, and **Pallavi Dani**, Louisiana State University.

Global Dynamics of Discrete Dynamical Systems in the Plane with Applications (Code: SS 56A), **M. R. S. Kulenovic** and **Orlando Merino**, University of Rhode Island.

Groups, Geometry, and Applications (Code: SS 7A), **Delaram Kahrobaei**, City University of New York.

Harmonic Analysis and Partial Differential Equations (Code: SS 65A), **Svitlana Mayboroda**, Purdue University, and **Tatiana Toro**, University of Washington.

History of Mathematics (Code: SS 37A), **Sloan E. Despeaux**, Western Carolina University, **Craig G. Fraser**, University of Toronto, and **Deborah Kent**, Hillsdale College (AMS-MAA).

Hopf Algebras and Their Representations (Code: SS 4A), **M. Susan Montgomery**, University of Southern California, **Siu-Hung Ng**, Iowa State University, and **Sarah J. Witherspoon**, Texas A&M University (AMS-AWM).

Integral Geometry: Analysis and Applications (Code: SS 20A), **Gaik Ambartsoumian**, University of Texas, Arlington, **Gestur Olafsson**, Louisiana State University, **Eric Todd Quinto**, Tufts University, and **Boris S. Rubin**, Louisiana State University.

Interactions of Inverse Problems, Signal Processing, and Imaging (Code: SS 54A), **Zuhair Nashed**, University of Central Florida.

Knot Theory (Code: SS 63A), **Tim D. Cochran** and **Shelley Harvey**, Rice University.

Knots, Links, 3-Manifolds, and Physics (Code: SS 44A), **Robert Kusner**, University of Massachusetts, Amherst, and **Rafal Komendarczyk**, Tulane University.

Lie Algebras, Algebraic Groups, and Related Topics (Code: SS 23A), **Audrey L. Malagon** and **Julie C. Beier**, Mercer University, and **Daniel K. Nakano**, University of Georgia.

Local Commutative Algebra (Code: SS 5A), **Paul C. Roberts** and **Anurag K. Singh**, University of Utah, and **Sandra M. Spiroff**, University of Mississippi.

Logic and Analysis (Code: SS 36A), **Jeremy Avigad**, Carnegie Mellon University, **Ulrich W. Kohlenbach**, Technische Universität Darmstadt, and **Henry Towsner**, University of California Los Angeles (AMS-ASL).

Mathematical Modeling in Environmental Economics (Code: SS 49A), **Natali Hritonenko**, Prairie View A&M University, and **Yuri Yatsenko**, Houston Baptist University.

Mathematical Techniques in Musical Analysis (Code: SS 19A), **Robert W. Peck**, Louisiana State University, and **Thomas M. Fiore**, University of Michigan at Dearborn.

Mathematics Related to Feynman Diagrams (Code: SS 25A), **Victor H. Moll**, Tulane University, and **Olivier Espinosa**, Universidad Santa Maria, Valparaiso.

Mathematics and Education Reform (Code: SS 39A), **William H. Barker**, Bowdoin College, **William G. McCallum**, University of Arizona, and **Bonnie S. Saunders**, University of Illinois at Chicago (AMS-MAA-MER).

Mathematics of Computation: Algebra and Number Theory (Code: SS 11A), **Gregor Kemper**, Technische Universität München, **Michael J. Mossinghoff**, Davidson College, and **Igor E. Shparlinski**, Macquarie University (AMS-SIAM).

Mathematics of Computation: Differential Equations, Linear Algebra, and Applications (Code: SS 52A), **Susanne C. Brenner**, Louisiana State University, and **Chi-Wang Shu**, Brown University (AMS-SIAM).

Measures of Entanglement of Macromolecules and Their Applications (Code: SS 57A), **Isabel K. Darcy**, University of Iowa, **Kenneth C. Millett**, University of California, Santa Barbara, **Eric J. Rawdon**, University of St. Thomas, and **Mariel Vazquez**, San Francisco State University.

Multivariable Operator Theory (Code: SS 13A), **Ronald G. Douglas**, Texas A&M University, and **Gelu F. Popescu**, University of Texas at San Antonio.

New Topics in Graph Theory (Code: SS 9A), **Ralucca Gera**, Naval Postgraduate School, and **Eunjeong Yi**, Texas A&M University at Galveston.

New Trends in Theory and Applications of Evolution Equations (Code: SS 34A), **Guoping Zhang** and **Gaston N'Guerekata**, Morgan State University, **Wen-Xie Ma**, University of South Florida, and **Yi Li**, University of Iowa.

Noncommutative Harmonic Analysis and Dynamic Systems (Code: SS 41A), **Tao Mei**, University of Illinois, Urbana-Champaign, and **Alan D. Wiggins**, University of Michigan at Dearborn.

Nonlinear Evolution Equations, Analysis, and Geometry (Code: SS 43A), **Ralph Saxton**, University of New Orleans, and **Feride Tiglay**, Ecole Polytechnique Federale de Lausanne.

Nonlinear Waves and Integrable Systems (Code: SS 55A), **Gino Biondini**, State University of New York at Buffalo, and **Barbara Prinari**, University of Colorado at Colorado Springs.

Quadratic Forms in Algebra and Geometry (Code: SS 16A), **Jorge F. Morales**, Louisiana State University, and **Anne Queguiner-Mathieu**, Université de Paris 13.

Research in Mathematics by Undergraduates and Students in Post-Baccalaureate Programs (Code: SS 22A), **Darren A. Narayan**, **Bernard Brooks**, and **Jobby Jacob**, Rochester Institute of Technology, and **Jacqueline A. Jensen**, Sam Houston State University (AMS-SIAM).

Self-Organization in Human, Biological, and Artificial Systems (Code: SS 64A), **Andrea L. Bertozzi**, University of California Los Angeles.

Set-Valued Optimization and Variational Problems (Code: SS 62A), **Akhtar A. Khan**, Rochester Institute of Technology, and **Miguel Sama**, Universidad Nacional de Educacion a Distancia, Madrid.

Stochastic Analysis and Mathematical Physics: A Session in Honor of the 80th Birthday of Len Gross (Code: SS 18A), **Bruce K. Driver**, University of California at San Diego, **Maria Gordina**, University of Connecticut, and **Todd Kemp**, Massachusetts Institute of Technology and University of California at San Diego.

Stochastic Analysis and Random Phenomena (Code: SS 29A), **Ambar N. Sengupta** and **P. Sundar**, Louisiana State University.

Stochastic, Fractional, and Hybrid Dynamic Systems with Applications (Code: SS 17A), **A. S. Vatsala**, University of Louisiana at Lafayette, and **G. S. Ladde**, University of South Florida.

Structure Theory for Matroids and Graphs (Code: SS 45A), **Bogdan Oporowski** and **James G. Oxley**, Louisiana State University.

Structured Models in Ecology, Evolution, and Epidemiology (Code: SS 50A), **Linda J. S. Allen** and **Lih-Ing W. Roeger**, Texas Tech University.

Structured Models in Ecology, Evolution, and Epidemiology: Periodicity, Extinction, and Chaos (Code: SS 59A), **Linda J. S. Allen** and **Lih-Ing W. Roeger**, Texas Tech University.

Theory and Application of Stochastic Differential Equations and Stochastic Partial Differential Equations (Code: SS 27A), **Armando Arciniega**, University of Texas at San Antonio, **Edward J. Allen**, Texas Tech University, **Sivapragasam Sathananthan**, Tennessee State University, and **Mahmoud Anabtawi**, American University of Sharjah.

Time Scales: Theory and Applications (Code: SS 8A), **Billy Jackson**, University of Northern Colorado, and **Joan Hoffacker**, Clemson University.

Transseries and Ordered Exponential Fields (Code: SS 32A), **Gerald A. Edgar** and **Ovidiu Costin**, The Ohio State University, and **Lou P. van den Dries**, University of Illinois, Urbana-Champaign.

Wavelets, Tilings, and Iterated Function Systems (Code: SS 26A), **Palle E. Jorgensen**, University of Iowa, **David R. Larson**, Texas A&M University, and **Gestur Olafsson**, Louisiana State University.

The Mathematics of Modeling Multiscale Heterogeneous Media (Code: SS 51A), **Robert P. Lipton** and **Tadele A. Mengesha**, Louisiana State University.

von Neumann Algebras (Code: SS 48A), **Richard D. Burstein**, Vanderbilt University, and **Remus Nicoara**, University of Tennessee, Knoxville.

Statesboro, Georgia

Georgia Southern University

March 12–13, 2011
Saturday – Sunday

Meeting #1068

Southeastern Section
Associate secretary: Matthew Miller
Announcement issue of *Notices*: January 2011
Program first available on AMS website: January 27, 2011
Program issue of electronic *Notices*: March 2011
Issue of *Abstracts*: To be announced

Deadlines

For organizers: August 12, 2010
For consideration of contributed papers in Special Sessions: November 23, 2010
For abstracts: January 20, 2011

The scientific information listed below may be dated. For the latest information, see www.ams.org/amsmtgs/sectional.html.

Invited Addresses

Jason A. Behrstock, Lehman College (CUNY), *Title to be announced*.

Gordana Matic, University of Georgia, *Title to be announced*.

Jeremy T. Tyson, University of Illinois at Urbana-Champaign, *Title to be announced*.

Brett D. Wick, Georgia Institute of Technology, *Title to be announced*.

Special Sessions

Advances in Biomedical Mathematics (Code: SS 4A), **Yangbo Ye**, University of Iowa, and **Jiehua Zhu**, Georgia Southern University.

Applied Combinatorics (Code: SS 2A), **Hua Wang**, Georgia Southern University, **Miklos Bona**, University of Florida, and **Laszlo Szekely**, University of South Carolina.

Fractals and Tilings (Code: SS 3A), **Ka-Sing Lau**, The Chinese University of Hong Kong, **Sze-Man Ngai**, Georgia Southern University, and **Yang Wang**, Michigan State University.

Geometric Group Theory (Code: SS 7A), **Xiaodong Xie**, Georgia Southern University, **Jason A. Behrstock**, Lehman College, CUNY, and **Denis Osin**, Vanderbilt University.

Harmonic Analysis and Applications (Code: SS 5A), **Dmitriy Bilyk**, University of South Carolina, **Laura De Carli**, Florida International University, **Alex Stokolos**, Georgia Southern University, and **Brett Wick**, Georgia Institute of Technology.

Harmonic Analysis and Partial Differential Equations (Code: SS 1A), **Paul A. Hagelstein**, Baylor University, **Alexander Stokolos**, Georgia Southern University, **Xiaoyi Zhang**, IAS Princeton and University of Iowa, and **Shijun Zheng**, Georgia Southern University.

Homological Methods in Commutative Algebra (Code: SS 6A), **Alina C. Iacob**, Georgia Southern University, and **Adela N. Vraciu**, University of South Carolina.

Iowa City, Iowa

University of Iowa

March 18–20, 2011
Friday – Sunday

Meeting #1069
Central Section
Associate secretary: Georgia Benkart
Announcement issue of *Notices*: January 2011
Program first available on AMS website: February 5, 2011
Program issue of electronic *Notices*: March 2011
Issue of *Abstracts*: To be announced

Deadlines

For organizers: August 18, 2010
For consideration of contributed papers in Special Sessions: November 30, 2010
For abstracts: January 25, 2011

The scientific information listed below may be dated. For the latest information, see www.ams.org/amsmtgs/sectional.html.

Invited Addresses

Mihai Ciucu, Indiana University, *Title to be announced.*
David Damanik, Rice University, *Title to be announced.*
Kevin Ford, University of Illinois Urbana-Champaign, *Title to be announced.*
Chiu-Chu Liu, Columbia University, *Title to be announced.*

Special Sessions

Analytic Number Theory (Code: SS 5A), **Yangbo Ye**, University of Iowa.
Commutative Ring Theory (Code: SS 6A), **Daniel D. Anderson**, University of Iowa, and **David F. Anderson**, University of Tennessee Knoxville.
Global and P-adic Representation Theory (Code: SS 3A), **Muthukrishnan Krishnamurthy**, **Philip Kutzco**, and **Yangbo Ye**, University of Iowa.
Modelling, Analysis and Simulation in Contact Mechanics (Code: SS 1A), **Weimin Han**, University of Iowa, and **Mircea Sofonea**, University of Perpignan.
Recent Developments in Nonlinear Evolution Equations (Code: SS 4A), **Yinbin Deng**, Central China Normal University, **Yong Yu** and **Yi Li**, University of Iowa, and **Shuangjie Peng**, Central China Normal University.
Representations of Algebras (Code: SS 2A), **Frauke Bleher**, University of Iowa, and **Calin Chindris**, University of Missouri.

Worcester, Massachusetts

College of the Holy Cross

April 9–10, 2011
Saturday – Sunday

Meeting #1070
Eastern Section
Associate secretary: Steven H. Weintraub
Announcement issue of *Notices*: February 2011
Program first available on AMS website: March 10, 2011
Program issue of electronic *Notices*: April 2011
Issue of *Abstracts*: To be announced

Deadlines

For organizers: September 9, 2010
For consideration of contributed papers in Special Sessions: December 21, 2010
For abstracts: February 15, 2011

The scientific information listed below may be dated. For the latest information, see www.ams.org/amsmtgs/sectional.html.

Invited Addresses

Vitaly Bergelson, Ohio State University, *Title to be announced.*
Kenneth M. Golden, University of Utah, *Title to be announced.*
Walter D. Neumann, Columbia University, *Title to be announced.*
Natasa Sesum, University of Pennsylvania, *Title to be announced.*

Las Vegas, Nevada

University of Nevada

April 30 – May 1, 2011
Saturday – Sunday

Meeting #1071
Western Section
Associate secretary: Michel L. Lapidus
Announcement issue of *Notices*: February 2011
Program first available on AMS website: March 17, 2011
Program issue of electronic *Notices*: April 2011
Issue of *Abstracts*: To be announced

Deadlines

For organizers: September 30, 2010
For consideration of contributed papers in Special Sessions: January 1, 2011
For abstracts: March 8, 2011

The scientific information listed below may be dated. For the latest information, see www.ams.org/amsmtgs/sectional.html.

Invited Addresses

Elizabeth Allman, University of Alaska, *Title to be announced.*

Danny Calegari, University of California Santa Barbara, *Title to be announced.*

Hector Ceniceros, Stanford University, *Title to be announced.*

Tai-Ping Liu, Stanford University, *Title to be announced.*

Special Sessions

Advances in Modeling, Numerical Analysis and Computations of Fluid Flow Problems (Code: SS 2A), **Monika Neda**, University of Nevada Las Vegas.

Geometric PDEs (Code: SS 1A), **Matthew Gursky**, Notre Dame University, and **Emmanuel Hebey**, Université de Cergy-Pontoise.

Multilevel Mesh Adaptation and Beyond: Computational Methods for Solving Complex Systems (Code: SS 4A), **Pengtao Sun**, University of Nevada Las Vegas, and **Long Chen**, University of California Irvine.

Recent Advances in Finite Element Methods (Code: SS 3A), **Jichun Li**, University of Nevada Las Vegas.

Ithaca, New York

Cornell University

September 10–11, 2011
Saturday – Sunday

Meeting #1072
Eastern Section
Associate secretary: Steven H. Weintraub
Announcement issue of *Notices*: June 2011
Program first available on AMS website: July 28, 2011
Program issue of electronic *Notices*: September 2011
Issue of *Abstracts*: To be announced

Deadlines
For organizers: February 10, 2011
For consideration of contributed papers in Special Sessions: May 24, 2011
For abstracts: July 19, 2011

Winston-Salem, North Carolina

Wake Forest University

September 24–25, 2011
Saturday – Sunday

Meeting #1073
Southeastern Section
Associate secretary: Matthew Miller
Announcement issue of *Notices*: June 2011
Program first available on AMS website: August 11, 2011
Program issue of electronic *Notices*: September 2011
Issue of *Abstracts*: To be announced

Deadlines
For organizers: February 24, 2011
For consideration of contributed papers in Special Sessions: June 7, 2011
For abstracts: August 2, 2011

The scientific information listed below may be dated. For the latest information, see www.ams.org/amsmtgs/sectional.html.

Invited Addresses

Benjamin B. Brubaker, Massachusetts Institute of Technology, *Title to be announced.*

Shelly Harvey, Rice University, *Title to be announced.*

Allen Knutson, Cornell University, *Title to be announced.*

Seth M. Sullivant, North Carolina State University, *Title to be announced.*

Lincoln, Nebraska

University of Nebraska-Lincoln

October 14–16, 2011
Friday – Sunday

Meeting #1074
Central Section
Associate secretary: Georgia Benkart
Announcement issue of *Notices*: August 2011
Program first available on AMS website: September 1, 2011
Program issue of electronic *Notices*: October 2011
Issue of *Abstracts*: To be announced

Deadlines
For organizers: March 14, 2011
For consideration of contributed papers in Special Sessions: June 28, 2011
For abstracts: August 23, 2011

The scientific information listed below may be dated. For the latest information, see www.ams.org/amsmtgs/sectional.html.

Invited Addresses

Lewis Bowen, Texas A & M University, *Title to be announced.*

Emmanuel Candes, Stanford University, *Title to be announced* (Erdős Memorial Lecture).

Alina Cojocaru, University of Illinois at Chicago, *Title to be announced.*

Michael Zieve, University of Michigan, *Title to be announced.*

Salt Lake City, Utah

University of Utah

October 22–23, 2011

Saturday – Sunday

Meeting #1075

Western Section
Associate secretary: Michel L. Lapidus
Announcement issue of *Notices*: August 2011
Program first available on AMS website: September 8, 2011
Program issue of electronic *Notices*: October 2011
Issue of *Abstracts*: To be announced

Deadlines

For organizers: March 22, 2011
For consideration of contributed papers in Special Sessions: July 5, 2011
For abstracts: August 30, 2011

The scientific information listed below may be dated. For the latest information, see www.ams.org/amsmtgs/sectional.html.

Invited Addresses

Graeme Milton, University of Utah, *Title to be announced.*

Lei Ni, University of California San Diego, *Title to be announced.*

Igor Pak, University of California Los Angeles, *Title to be announced.*

Monica Visan, University of California Los Angeles, *Title to be announced.*

Port Elizabeth, Republic of South Africa

Nelson Mandela Metropolitan University

November 29 – December 3, 2011

Tuesday – Saturday

Meeting #1076

First Joint International Meeting between the AMS and the South African Mathematical Society.
Associate secretary: Matthew Miller
Announcement issue of *Notices*: To be announced
Program first available on AMS website: To be announced
Program issue of electronic *Notices*: To be announced
Issue of *Abstracts*: To be announced

Deadlines

For organizers: To be announced
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

Boston, Massachusetts

John B. Hynes Veterans Memorial Convention Center, Boston Marriott Hotel, and Boston Sheraton Hotel

January 4–7, 2012

Wednesday – Saturday
Joint Mathematics Meetings, including the 118th Annual Meeting of the AMS, 95th Annual Meeting of the Mathematical Association of America, annual meetings of the Association for Women in Mathematics (AWM) and the National Association of Mathematicians (NAM), and the winter meeting of the Association for Symbolic Logic (ASL), with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).
Associate secretary: Michel L. Lapidus
Announcement issue of *Notices*: October 2011
Program first available on AMS website: November 1, 2011
Program issue of electronic *Notices*: January 2012
Issue of *Abstracts*: Volume 33, Issue 1

Deadlines

For organizers: April 1, 2011
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

Honolulu, Hawaii

University of Hawaii

March 3–4, 2012

Saturday – Sunday
Western Section
Associate secretary: Michel L. Lapidus
Announcement issue of *Notices*: March 2012
Program first available on AMS website: To be announced
Program issue of electronic *Notices*: To be announced
Issue of *Abstracts*: To be announced

Deadlines

For organizers: August 3, 2011
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

Tampa, Florida

University of South Florida

March 10–11, 2012

Saturday – Sunday
Southeastern Section
Associate secretary: Matthew Miller
Announcement issue of *Notices*: To be announced
Program first available on AMS website: To be announced
Program issue of electronic *Notices*: March 2012
Issue of *Abstracts*: To be announced

Deadlines

For organizers: August 10, 2011
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

Washington, District of Columbia

George Washington University

March 17–18, 2012

Saturday – Sunday
Eastern Section
Associate secretary: Steven H. Weintraub
Announcement issue of *Notices*: To be announced
Program first available on AMS website: To be announced
Program issue of electronic *Notices*: March 2012
Issue of *Abstracts*: To be announced

Deadlines

For organizers: August 17, 2011
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

Lawrence, Kansas

University of Kansas

March 30 – April 1, 2012

Friday – Sunday
Central Section
Associate secretary: Georgia Benkart
Announcement issue of *Notices*: To be announced
Program first available on AMS website: To be announced
Program issue of electronic *Notices*: To be announced
Issue of *Abstracts*: To be announced

Deadlines

For organizers: To be announced
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

San Diego, California

San Diego Convention Center and San Diego Marriott Hotel and Marina

January 9–12, 2013

Wednesday – Saturday
Joint Mathematics Meetings, including the 119th Annual Meeting of the AMS, 96th Annual Meeting of the Mathematical Association of America, annual meetings of the Association for Women in Mathematics (AWM) and the National Association of Mathematicians (NAM), and the winter meeting of the Association for Symbolic Logic (ASL), with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).
Associate secretary: Georgia Benkart
Announcement issue of *Notices*: October 2012
Program first available on AMS website: November 1, 2012
Program issue of electronic *Notices*: January 2012
Issue of *Abstracts*: Volume 34, Issue 1

Deadlines

For organizers: April 1, 2012
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

Alba Iulia, Romania

June 27–30, 2013

Thursday – Sunday
Associate secretary: Robert J. Daverman
Announcement issue of *Notices*: To be announced
Program first available on AMS website: To be announced
Program issue of electronic *Notices*: To be announced
Issue of *Abstracts*: To be announced

Deadlines

For organizers: To be announced
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

Baltimore, Maryland

Baltimore Convention Center, Baltimore Hilton, and Marriott Inner Harbor

January 15–18, 2014

Wednesday – Saturday
Joint Mathematics Meetings, including the 120th Annual Meeting of the AMS, 97th Annual Meeting of the Mathematical Association of America, annual meetings of the Association for Women in Mathematics (AWM) and the National Association of Mathematicians (NAM), and the winter meeting of the Association for Symbolic Logic, with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).
Associate secretary: Matthew Miller
Announcement issue of *Notices*: October 2013
Program first available on AMS website: November 1, 2013
Program issue of electronic *Notices*: January 2013
Issue of *Abstracts*: Volume 35, Issue 1

Deadlines

For organizers: April 1, 2013
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

San Antonio, Texas

Henry B. Gonzalez Convention Center and Grand Hyatt San Antonio

January 10–13, 2015

Saturday – Tuesday
Joint Mathematics Meetings, including the 121st Annual Meeting of the AMS, 98th Annual Meeting of the Mathematical Association of America, annual meetings of the Association for Women in Mathematics (AWM) and the National Association of Mathematicians (NAM), and the winter meeting of the Association of Symbolic Logic, with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).
Associate secretary: Steven H. Weintraub
Announcement issue of *Notices*: October 2014
Program first available on AMS website: To be announced
Program issue of electronic *Notices*: January 2015
Issue of *Abstracts*: Volume 36, Issue 1

Deadlines

For organizers: April 1, 2014

For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

Seattle, Washington

Washington State Convention & Trade Center and the Sheraton Seattle Hotel

January 6–9, 2016

Wednesday – Saturday
Joint Mathematics Meetings, including the 122nd Annual Meeting of the AMS, 99th Annual Meeting of the Mathematical Association of America, annual meetings of the Association for Women in Mathematics (AWM) and the National Association of Mathematicians (NAM), and the winter meeting of the Association of Symbolic Logic, with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).
Associate secretary: Michel L. Lapidus
Announcement issue of *Notices*: October 2015
Program first available on AMS website: To be announced
Program issue of electronic *Notices*: January 2016
Issue of *Abstracts*: Volume 37, Issue 1

Deadlines

For organizers: April 1, 2015
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

Atlanta, Georgia

Hyatt Regency Atlanta and Marriott Atlanta Marquis

January 4–7, 2017

Wednesday – Saturday
Joint Mathematics Meetings, including the 123rd Annual Meeting of the AMS, 100th Annual Meeting of the Mathematical Association of America, annual meetings of the Association for Women in Mathematics (AWM) and the National Association of Mathematicians (NAM), and the winter meeting of the Association of Symbolic Logic, with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).
Associate secretary: Georgia Benkart
Announcement issue of *Notices*: October 2016
Program first available on AMS website: To be announced
Program issue of electronic *Notices*: January 2017
Issue of *Abstracts*: Volume 38, Issue 1

Deadlines

For organizers: April 1, 2016
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced