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# Meetings & Conferences of the AMS

**IMPORTANT INFORMATION REGARDING MEETINGS PROGRAMS:** AMS Sectional Meeting programs do not appear in the print version of the *Notices*. However, comprehensive and continually updated meeting and program information with links to the abstract for each talk can be found on the AMS website. See <http://www.ams.org/meetings/>. Programs and abstracts will continue to be displayed on the AMS website in the Meetings and Conferences section until about three weeks after the meeting is over. Final programs for Sectional Meetings will be archived on the AMS website in an electronic issue of the *Notices* as noted below for each meeting.

## Bangalore, India

*India Institute of Science*

**December 17–20, 2003**

*Wednesday – Saturday*

### Meeting #992

*First Joint AMS-India Mathematics Meeting*

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: October 2003

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:

Expired

For abstracts: Expired

### Invited Addresses

**R. Balasubramanian**, Institute for Mathematical Sciences, *Arithmetic functions and exponential sums*.

**George C. Papanicolaou**, Stanford University, *Time reversal, imaging and communications in random media*.

**M. S. Raghunathan**, Tata Institute of Fundamental Research, *The congruence subgroup problem*.

**Peter Sarnak**, Princeton University and New York University-Courant Institute, *The Ramanujan conjecture and its generalizations*.

**K. B. Sinha**, Indian Statistical Institute, *Probability and geometry on noncommutative spaces*.

**Vladimir Voevodsky**, Institute for Advanced Study, *Motivic homotopy theory*.

### Special Sessions

*Algebraic and Geometric Methods in Multivariable Operator Theory*, **Ronald G. Douglas**, Texas A&M University, and **Gadadhar Misra**, Indian Statistical Institute.

*Algebraic and Geometric Topology*, **Parameswaren Sankaran**, Institute of Mathematical Sciences, and **P. B. Shalen**, University of Illinois.

*Automorphic Forms and Functoriality*, **James Cogdell**, Oklahoma State University, and **T. N. Venkataramana**, Tata Institute of Fundamental Research.

*Buildings and Group Theory*, **N. S. Narasimha Sastry**, Indian Statistical Institute, and **Richard M. Weiss**, Tufts University.

*Commutative Algebra and Algebraic Geometry*, **Sudhir Ghorpade**, Indian Institute of Technology Bombay, **Hema Srinivasan**, University of Missouri, and **Jugal K. Verma**, Indian Institute of Technology Bombay.

*Cycles, K-Theory, and Motives*, **Eric M. Friedlander**, Northwestern University, **Steven Lichtenbaum**, Brown University, **Kapil Paranjape**, Institute of Mathematical Sciences, and **Vasudevan Srinivas**, Tata Institute of Fundamental Research.

*Differential Equations and Applications to Population Dynamics, Epidemiology, Genetics and Microbiology*, **Bindhyachal Rai**, University of Allahabad, **Sanjay Rai**, Jacksonville University, **Terrance Quinn**, Ohio University Southern, and **Sunil Tiwari**, Sonoma State University.

*History of Indian Mathematics*, **Gerard G. Emch**, University of Florida, and **R. Sridharan**, Chennai Mathematical Institute.

*L-Functions, Automorphic Forms and Cryptography*, **R. Balasubramanian**, Institute of Mathematical Sciences, and **K. Soundararajan**, University of Michigan.

*The Many Facets of Linear Algebra and Matrix Theory*, **Richard Brualdi**, University of Wisconsin, and **Rajendra Bhatia**, Indian Statistical Institute.

*PDE and Applications*, **Susan B. Friedlander**, University of Illinois, and **P. N. Srikanth**, Tata Institute of Fundamental Research.

*Probability Theory*, **Rajeeva Karandikar**, Indian Statistical Institute, and **Srinivasa R. S. Varadhan**, New York University-Courant Institute.

*Quantum Dynamics*, **William Arveson**, University of California Berkeley, and **B. V. Rajarama Bhat**, Indian Statistical Institute.

*Reductive Groups: Arithmetic, Geometry and Representation Theory*, **Vikram Mehta** and **R. Parimala**, Tata Institute of Fundamental Research, and **Gopal Prasad**, University of Michigan, Ann Arbor.

*Spectral and Inverse Spectral Theories of Schrödinger Operators*, **Peter David Hislop**, University of Kentucky, and **Krishna Maddaly**, Institute of Mathematical Sciences.

# Phoenix, Arizona

Phoenix Civic Plaza

January 7–10, 2004

Wednesday – Saturday

## Meeting #993

*Joint Mathematics Meetings, including the 110th Annual Meeting of the AMS, 87th Annual Meeting of the Mathematical Association of America (MAA), annual meetings of the Association for Women in Mathematics (AWM) and the National Association of Mathematicians (NAM), 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 2003

Program first available on AMS website: November 1, 2003

Program issue of electronic *Notices*: January 2004

Issue of *Abstracts*: Volume 25, Issue 1

## Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions:  
Expired

For abstracts: Expired

For summaries of papers to MAA organizers: Expired

## Joint Program Updates

The title for **Stephen Wolfram**'s talk on Wednesday at 11:10 a.m. is "*A New Kind of Science*" and the future of mathematics.

The title for **Bonnie Berger**'s talk on Friday at 11:10 a.m. is *Mathematical challenges in molecular biology*.

The AMS Committee on Science Policy-MAA Science Policy Committee Government speaker is **Michael S. Turner**, assistant director of the Directorate for Mathematical and Physical Sciences, National Science Foundation.

## AMS Program Updates

**A Walk through the Math Pipeline from End to End**, Friday, 2:30 p.m. to 4:00 p.m. Panelists include **James Sethian**, University of California Berkeley; **Olga R. Beaver**, Williams College; **Jessica S. Sidman**, Mount Holyoke College; **James Bonn**, CAN Corporation; and **Timothy W. Lant** and **Angela Herro**, Arizona State University. This panel discussion, moderated by **Jane Hawkins**, University of North Carolina at Chapel Hill, is sponsored by the Committee on Science Policy and the Committee on the Profession.

**The Evolution of State Mathematics Standards: How Can Mathematicians Contribute?**, Saturday, 8:30 a.m. to 10:00 p.m. Panelists include **Johnny W. Lott**, NCTM and the University of Montana; **Laura McGiffert**, Achieve, Inc.; and **R. James Milgram**, Stanford University. This presentation, moderated by **Roger E. Howe**, Yale University, is sponsored by the Committee on Education.

## Other Organization Updates

**A Live Computer Experiment**, Wednesday, 5:00 p.m. to 7:00 p.m., presented by **Stephen Wolfram**. There will be a discussion of *A New Kind of Science*, Mathematica, and the role of mathematics in today's world, as well as an opportunity to see a new form of mathematical discovery in action. There will be ample time for questions from the audience.

## Registration at the Meetings

Individuals who registered by November 7 and who so elected will have their badge and the final program mailed to them before the meetings. All other registrants will receive the final program at the meetings. The additional information below is to assist those who will register at the meetings and those who registered in advance but elected not to receive their badges and final programs by mail.

Advance and on-site meeting registration fees only partially cover expenses of holding meetings. All mathematicians who wish to attend sessions are expected to register and should be prepared to show the meetings badge, if so requested. Badges are required to obtain discounts at the AMS and MAA Book Sales and to cash a check with the meetings cashier. If advance registrants should arrive too late in the day to pick up their badges, they may show the acknowledgment received from the Mathematics Meetings Service Bureau (MMSB) as proof of registration.

Registration fees may be paid at the meetings in cash; by personal or traveler's check; or by VISA, MasterCard, American Express, or Discover. Letters verifying attendance at the meetings may be obtained from the cashier or at the Registration Assistance section of the registration desk.

Participants wishing to attend sessions for one day only may take advantage of a one-day fee. These special fees are effective daily, January 7 through 10, and are available at the meetings to both members and nonmembers. These one-day fees are not applicable to librarians; high school teachers; unemployed or emeritus participants; or high school, undergraduate, or graduate students.

#### Joint Mathematics Meetings

Member of AMS, ASL, Canadian Mathematical Society (CMS), MAA, SIAM	\$251
Emeritus Member of AMS, MAA/ Graduate Student/Unemployed/ Librarians/High School Teachers/ Developing Country Participant	48
Undergraduate Students	26
Nonmember	389
Temporarily Employed	176
High School Students	5
Nonmathematician Guest	10

#### Joint Mathematics Meetings One Day

Member of AMS, ASL, CMS, MAA, SIAM	\$138
Nonmember	214

#### MAA Minicourses (if openings available)

Minicourses #1-6	\$90
Minicourse #7	70
Minicourses #8-16	60

#### Employment Center

Employer (First Table)	\$300
Employer (Each Additional Table)	100
Applicant (All Services)	75
Applicant (Message Center Only)	20

#### AMS Short Course

Member of AMS or MAA	\$100
Emeritus Member of AMS, MAA	50
Student/Unemployed	50
Nonmember	130

#### MAA Short Course

MAA member	\$140
Student/Unemployed/Emeritus	60
Nonmember	190

#### Accommodations and Travel

Participants who did not reserve a room during advance registration but who would like to obtain a room at one of the hotels listed on pages 1196-1197 in the October issue of the *Notices* should call the hotels directly after **December 15**. However, we regret that after that date the MMSB can no longer guarantee availability of rooms or the special convention rates.

Please see the October issue for special discount fare information on USAirways and Southwest Airlines.

#### Registration Dates, Times, and Locations

##### AMS and MAA Short Courses

Outside the Phoenix Ballroom, Hyatt Regency  
Monday, January 5 8:00 a.m. to 2:00 p.m.

#### Joint Mathematics Meetings and MAA Minicourses

Hall D, Phoenix Civic Plaza  
Tuesday, January 6 3:00 p.m. to 7:00 p.m.  
Wednesday-Friday, Jan. 7-9 7:30 a.m. to 4:00 p.m.  
Saturday, January 10 7:30 a.m. to 2:00 p.m.

#### Employment Center

Hall E, Phoenix Civic Plaza  
Wednesday, January 7  
Registration for scheduled  
interviews, materials pickup 7:30 a.m. to 4:00 p.m.  
Interview Center 9:30 a.m. to 6:00 p.m.

Thursday, January 8

Schedule distribution,  
interviews 7:00 a.m. to 4:40 p.m.  
Interview Center 8:00 a.m. to 7:30 p.m.

Friday, January 9

Scheduled interviews 8:15 a.m. to 4:40 p.m.  
Interview Center 8:00 a.m. to 7:30 p.m.

Saturday, January 10

Interview Center only 9:00 a.m. to noon

Employment Center registrants who are participating in the computer-scheduled interviews must register and fill out interview request forms on **Wednesday, January 7**. There will be no registration on Thursday and Friday; only interviews will take place on these days.

## Tallahassee, Florida

*Florida State University*

**March 12-13, 2004**

*Friday - Saturday*

#### Meeting #994

Southeastern Section  
Associate secretary: John L. Bryant  
Announcement issue of *Notices*: January 2004  
Program first available on AMS website: January 29, 2004  
Program issue of electronic *Notices*: March 2004  
Issue of *Abstracts*: Volume 02, Issue 04

#### Deadlines

For organizers: Expired  
For consideration of contributed papers in Special Sessions:  
Expired  
For abstracts: January 20, 2004

#### Invited Addresses

**Fern Y. Hunt**, National Institute of Standards, *Markov decision processes and a potential application to biological sequence alignment*.

**William H. Jaco**, Oklahoma State University, *On the homeomorphism problem*.

**Yair Minsky**, Yale University, *Hyperbolic manifolds and their deformations*.

**Glenn F. Webb**, Vanderbilt University, *Logistic nonlinearities in population dynamics*.

### Special Sessions

*Algebraic Geometry and Topology* (Code: SS 5A), **Eriko Hironaka, Paolo Aluffi, and Ettore Aldrovandi**, Florida State University.

*Applications of Mathematics to Problems in Biology* (Code: SS 1A), **Richard Bertram and Jack Quine**, Florida State University.

*Financial Mathematics* (Code: SS 11A), **Alec N. Kercheval, Warren D. Nichols, and Craig A. Nolder**, Florida State University.

*Geometric Topology in Honor of John Bryant* (Code: SS 6A), **Washington Mio**, Florida State University, and **Erik K. Pedersen**, Binghamton University (SUNY).

*Harmonic Analysis* (Code: SS 7A), **Daniel M. Oberlin**, Florida State University, and **Laura de Carli**, Florida International University.

*Knot Theory and Applications* (Code: SS 2A), **Yuanan Diao**, University of North Carolina at Charlotte.

*Modeling and Simulation of Complex Fluid Systems* (Code: SS 8A), **Qi Wang and Mark Sussman**, Florida State University, and **Xiaoming Wang**, Iowa State University.

*PDE's and Turbulence* (Code: SS 9A), **Xiaoming Wang**, Iowa State University.

*Results in 3-Manifolds and Related Topics* (Code: SS 3A), **Wolfgang H. Heil and Sergio R. Fenley**, Florida State University.

*Robert Gilmer and Joe Mott: Forty Years of Commutative Ring Theory at Florida State University* (Code: SS 4A), **William J. Heinzer**, Purdue University, and **James W. Brewer**, Florida Atlantic University.

*Szygies and Hilbert Functions* (Code: SS 10A), **Irena Peeva and Christopher A. Francisco**, Cornell University.

### Accommodations

Participants should make their own arrangements directly with a hotel of their choice. Special rates for the meeting are available at the properties listed below for the nights of Thursday and Friday, March 11 and 12; for those needing a Saturday night stay over, a **very limited** number of rooms are available, so make your reservations early. Room rates do not include the tax of 10.5%. When making reservations, participants should state that they are with the **American Mathematical Society meeting at Florida State University**. The AMS is not responsible for rate changes or for the quality of the accommodations. Hotels have varying cancellation or early checkout penalties; be sure to ask for details when making your reservation.

**DoubleTree Tallahassee**, 101 S. Adams St., Tallahassee, FL; 850-224-5000. Standard rooms are \$89/single or double; outstanding downtown location near the state Capitol building; restaurants and lounge on premises and nearby; covered parking (\$2/day); complimentary airport shuttle; located about 1 mile from the meeting site (1/2 mile to campus). **Deadline for reservations is February 5, 2004**; be sure to check the cancellation policy when you make your reservation.

**Holiday Inn Select**, 316 W. Tennessee St., Tallahassee, FL 32301; 850-222-9555; 850-577-0524 (fax); standard rooms are \$72/single and \$79/double, suites are \$99. Restaurant, lounge, outdoor pool, and exercise room on premises; complimentary airport shuttle service; complimentary parking. Located about .8 mile from the meeting site. **Deadline for reservations is February 24**; be sure to check the cancellation policy when you make your reservation.

### Food Service

Information on local dining will be available at the registration desk.

### Local Information

Excellent local and campus maps can be found by following the links at <http://www.fsu.edu/cgi-bin/map/zoom?BPAGE=32> (campus map around meeting site (Rovetta Business Building) showing parking), <http://www.fsu.edu/Campus/tallymaps/downtownmap.html> (downtown Tallahassee showing places of interest), <http://www.fsu.edu/Campus/tallymaps/tallymap.html> (broader area around Tallahassee), and <http://www.fsu.edu/Campus/newmap/> (full campus map).

The URL of the Florida State University Department of Mathematics is <http://www.math.fsu.edu/>.

### Other Activities

**Book Sales:** Examine the newest titles from the AMS! Many of the AMS books will be available at a special 50% discount available only at the meeting. Complimentary coffee will be served courtesy of AMS Membership Services. The AMS Book Sale will operate during the same hours as registration.

**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.

### Registration and Meeting Information

All Special Sessions and contributed paper sessions will take place in the Rovetta Business Building on the Florida State University campus. Plenary lectures will take place in Moore Auditorium, across the green from Rovetta. N.B.: The rear of Rovetta faces the street/parking; the entrance is on the opposite side of the building; enter from the green.

Registration will take place in the Weichelt Lounge in Rovetta on Friday from 7:30 a.m. to 4:30 p.m. and on Saturday from 7:30 a.m. to noon. Registration fees are \$40 for AMS or CMS members; \$60 for nonmembers; and \$5 for students/unemployed/emeritus, payable on site by cash, check, or credit card.

### Parking

Parking in student spaces (white spaces) is permitted for free during spring break (check the map links above which show available parking lots); large parking areas are across West Tennessee St. near DeGraff Hall. Parking in faculty/staff

spaces (red spaces) is by permit only on Friday; free on Saturday. There is various white and red parking along Palmetto Drive, the access road to Rovetta from West Tennessee St. Any places marked "Visitor Parking" are free both days.

If you park in a red space on Friday, please come to the registration area to pick up a parking permit, which then must be placed on your car. Parking permits are generously being provided by the Department of Mathematics.

### Social Events

All participants are invited to a reception on Friday evening from 6:00 p.m. to 8:00 p.m., sponsored by the FSU Department of Mathematics. The reception will be held in the courtyard in front of Moore Auditorium.

The FSU Department of Mathematics is also providing pastry on Friday and Saturday mornings. The AMS thanks the department for its hospitality.

### Travel

**By Air:** Tallahassee is serviced via air by its regional airport, located approximately five to six miles from the conference hotels. Taxi services are available at the airport; fare is about \$10.

**By Car:** Interstate access to Tallahassee is via Interstate 10. Exit I-10 at the North Monroe Street Exit (#199) and proceed south on N. Monroe for a couple of miles to Tennessee Street. Take a right at Tennessee and go west for one mile to Dewey Street. Take a left on Dewey and an immediate right on Palmetto. The Rovetta Business Building and Student Union Complex are almost immediately to the left. The Rovetta Business Building is within a mile of the reserved hotels.

**Car Rental:** Special rates have been negotiated with Avis Rent A Car for the period March 5–March 20, 2004, beginning at \$35.99/day for a subcompact car at the weekend rate (the weekend rate is available from noon Thursday until Monday at 11:59 p.m.). All rates include unlimited free mileage. Rates do not include state or local surcharges, tax, optional coverages, or gas refueling charges. Renter must meet Avis's age, driver, and credit requirements, and return to the same renting location. Make reservations by calling 800-331-1600 or online at <http://www.avis.com>. Please quote **Avis Discount Number B159266** when making reservations.

### Weather

The climate in the Tallahassee area is pleasant in the spring. The normal temperatures for mid-March are highs in the 70s (F) and early morning lows in the 50s (F).

# Athens, Ohio

## Ohio University

**March 26–27, 2004**

*Friday – Saturday*

### Meeting #995

Central Section

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: January 2004

Program first available on AMS website: February 12, 2004

Program issue of electronic *Notices*: March 2004

Issue of *Abstracts*: Volume 02, Issue 04

### Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions:  
Expired

For abstracts: February 3, 2004

### Invited Addresses

**Mario Bonk**, University of Michigan, *Title to be announced.*

**Irene M. Gamba**, University of Texas at Austin, *Title to be announced.*

**Rostislav I. Grigorchuk**, Texas A&M University, *Title to be announced.*

**Eric G. Zaslow**, Northwestern University, *Title to be announced.*

### Special Sessions

*Algebraic Coding Theory* (Code: SS 7A), **Marcus Greferath**, San Diego State University, and **Sergio R. López-Permouth**, Ohio University.

*Differential Equations and Control Theory* (Code: SS 1A), **Sergiu Aizicovici** and **Nicolai Pavel**, Ohio University.

*Discrete Structures and Complex Dynamics* (Code: SS 13A), **Mario Bonk** and **Lukas Geyer**, University of Michigan.

*Dynamical Systems* (Code: SS 3A), **Patrick D. McSwiggen**, University of Cincinnati, and **Todd Young**, Ohio University.

*Fast Algorithms in Numerical Analysis* (Code: SS 12A), **George Fann**, Oak Ridge National Laboratory, and **Marin J. Mohlenkamp**, Ohio University.

*Groups, Representations, and Characters* (Code: SS 2A), **Mark Lewis**, Kent State University, and **Thomas R. Wolf**, Ohio University.

*Integrable Systems in Mathematics and Physics* (Code: SS 11A), **Michael Gekhtman**, University of Notre Dame, and **Luen Chau Li**, Pennsylvania State University.

*Linear Algebra and Its Applications* (Code: SS 5A), **S. K. Jain**, Ohio University, and **Michael Neumann**, University of Connecticut.

*Probabilistic and Asymptotic Aspects of Group Theory* (Code: SS 9A), **Rostislav Grigorchuk**, Texas A&M University, **Mark**

**Sapir**, Vanderbilt University, and **Zoran Sunik**, Texas A&M University.

*Recent Trends in Infinite-Dimensional Banach Space Theory* (Code: SS 10A), **Beata Randrianantoanina** and **Narcisse Randrianantoanina**, Miami University.

*Statistics and Probability* (Code: SS 6A), **Maria Rizzo** and **Vladimir Vinogradov**, Ohio University.

*Theory of Rings and Modules* (Code: SS 4A), **Nguyen Viet Dung**, **Franco Guerriero**, **Dinh Van Huynh**, and **Pramod Kanwar**, Ohio University.

*Wavelets, Other Multiscale Methods and Their Applications* (Code: SS 8A), **En-Bing Lin**, University of Toledo, and **Xiaoping Annie Shen**, Ohio University.

### Accommodations

Participants should make their own arrangements directly with the properties listed below. Special rates for the meeting are available Thursday through Saturday. When making reservations, participants should state that they are with the American Mathematical Society (AMS) meeting. The AMS is not responsible for rate changes or for the quality of the accommodations. Hotels have varying cancellation or early checkout penalties; be sure to ask for details when making your reservation. Rates do not include taxes (currently 13.25%).

**The Ohio University Inn** (1 mile from Morton Hall), 331 Richland Avenue, Athens, OH 45701; 740-593-6661; <http://www.ouinn.com>; \$109.95 single or double, plus tax. **Deadline for reservations is March 4**; be sure to check the cancellation policy when you make your reservation.

**Amerihost Inn and Suites** (1.6 miles from Morton Hall), 20 Home Street, Athens, OH 45701; 740-594-3000; \$89.99 single or double. A complimentary continental breakfast is served each morning. **Deadline for reservations is February 25**; be sure to check the cancellation policy when you make your reservation.

The following hotels are listed for informational purposes only. Special rates have not been negotiated with either hotel: **Days Inn** (3.1 miles from Morton Hall), 330 Columbus Road, Athens, OH 45701; 740-592-4000; **Super 8 Motel** (4.4 miles from Morton Hall), 2091 East State Street, Athens, OH 45701; 740-594-4900. Be sure to check the cancellation policy when you make your reservation.

### Food Service

A list of local restaurants will be available at the registration desk.

### Local Information and Campus Map

Please visit the websites maintained by Ohio University at <http://www.ohio.edu/>; Department of Mathematics at <http://www.math.ohiou.edu/>; directions to Ohio University: <http://www.ohiou.edu/athens/travel.html>; and Athens, OH, at <http://www.athens.com/>. For a campus map please visit <http://www.ohiou.edu/athens/ioumap.html>.

### Other Activities

**Book Sales:** Examine the newest titles from the AMS! Complimentary coffee will be served courtesy of AMS Membership Services. The book exhibit will be located in the second floor lobby, Morton Hall. 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.

**Social Event:** The Ohio University Department of Mathematics will host a Wine and Cheese Social Hour on Friday, March 26, from 6:00 p.m. to 7:00 p.m. in Morton Hall.

### Parking on Campus

Convenient parking is available next to Morton Hall. There are no restrictions or fees.

### Registration and Meeting Information

The registration desk will be located in the second floor lobby, Morton Hall. The desk will be open Friday, March 26, from 7:30 a.m. to 4:00 p.m., and Saturday, March 27, from 8:00 a.m. to noon. Fees are \$40 for AMS or CMS members; \$60 for nonmembers; and \$5 for students/unemployed/emeritus, payable on site by cash, check, or credit card. All talks will take place in Morton Hall.

### Transportation

The Port Columbus International Airport (CMH) is located approximately 78 miles from campus (approximately 90 minutes by car) and is served by all major airlines. For more information visit <http://www.port-columbus.com/>.

All Points Transportation provides transportation to and from the Columbus airport. Their service is available 24 hours a day, but you must call and make a reservation at least 24 hours prior to your desired departure time. All Points Transportation can be reached at 740-927-9778.

**Driving:** Morton Hall is located on the south end of the Athens Campus of Ohio University, Athens, Ohio. Travel information to the Athens Campus of Ohio University can be obtained at <http://www.ohiou.edu/athens/travel.html>.

**Directions from the Airport:** From Port Columbus International Airport: As you leave the airport, get onto I-270 South (it may be marked "Wheeling", because that direction takes you to the I-70 interchange). You will travel approximately 10 miles on I-270. As you approach the I-70 interchange, I-270 splits into two sets of lanes. It does not matter which set you take, but the left set has less merging traffic, so it is usually a bit faster. If you take the right set, stay to the left so that you don't get forced onto I-70.

Immediately after the I-70 interchange, the two sets of lanes remerge. Once that has settled out, change lanes toward the right so that you will be positioned to take US 33 East, Exit 46B (the second off-ramp at the I-270/US 33 interchange). Travel on US 33E for approximately 68 miles from I-270, driving through Lancaster, Logan, and Nelsonville, passing the first OH 682 exit (for "The Plains"). If there is a stop sign at the end of the OH 682 off-ramp, you have taken the exit for The Plains. You can turn right,

go to the fourth traffic light, and turn left onto Richland Avenue, or get back on the highway and follow the directions in the next paragraph.

After US 33E joins US 50W in Athens, take Exit 17 for OH 682N. Turn right at the first traffic light onto Richland Avenue to cross the Hocking River, and enter the Ohio University campus. Turn right at the traffic light onto South Green Drive. Stay on South Green Drive for approximately 0.6 miles. Turn left onto N. McKinley Avenue. Follow this to the stop sign. At the stop sign you will be facing a parking lot and Morton Hall.

From the North or West through Columbus, Ohio: If you are driving from the North or West, take I-270 around Columbus, OH, to the southeast side.

Take US 33 East, Exit 46B, following US 33E approximately 68 miles from I-270, driving through Lancaster, Logan, and Nelsonville, passing the first OH 682 exit (for "The Plains"). If there is a stop sign at the end of the OH 682 off-ramp, you have taken the exit for The Plains. You can turn right, go to the fourth traffic light, and turn left onto Richland Avenue, or get back on the highway and follow the directions in the next paragraph.

After US 33E joins US 50W in Athens, take Exit 17 for OH 682N. Turn right at the first traffic light onto Richland Avenue to cross the Hocking River, and enter the Ohio University campus. Turn right at the traffic light onto South Green Drive. Stay on South Green Drive for approximately 0.6 miles. Turn left onto N. McKinley Avenue. Follow this to the stop sign. At the stop sign you will be facing a parking lot and Morton Hall.

From northeast Ohio: If you are driving from the Cleveland or Akron area, take I-77S toward Marietta. You will pass several off-ramps from I-77 onto OH 821.

Just before Marietta, take Exit 6 from I-77; it is marked "Lower Salem & Marietta" and "OH 821S". At the off-ramp stop sign, turn right, following the sign "to OH 7 South". OH 821S runs parallel to I-77 in the direction you were headed.

Go a couple of miles to the "T" intersection at the end of OH 821, where there is a traffic light; turn left onto OH 60S, and drive another couple of miles into town, straight through several traffic lights. Turn right at a traffic light immediately following the sign for "Junction OH 7" onto OH 7S, and drive along the Ohio River to Belpre. Stay on OH 7 as it joins US 50W and OH 32W at Belpre (across the Ohio River from Parkersburg, WV; this happens at the first bridge over the Ohio River south of Marietta). Once you are on US 50W, in Belpre, you have about 45 minutes still to go.

Stay on US 50W all the way up the Hocking River valley to the city of Athens. This will require an exit from the OH 7 fourlane less than a mile west of the small sign to turn left for "downtown Coolville". US 50 has just recently been upgraded and is now four lanes all the way from Belpre to Athens. There may be some construction zones between Coolville and Athens, with reduced speed limits or lane restrictions during final work.

After US 33E joins US 50W in Athens, take Exit 17 for OH 682N. Turn right at the first traffic light onto Richland Avenue to cross the Hocking River, and enter the Ohio

University campus. Turn right at the traffic light onto South Green Drive. Stay on South Green Drive for approximately 0.6 miles. Turn left onto N. McKinley Avenue. Follow this to the stop sign. At the stop sign you will be facing a parking lot and Morton Hall.

From southwest Ohio: If you are driving from southwest Ohio, take OH 32E to Athens. If you are driving from the Chillicothe area, take US 50E to Athens.

Just west of Albany, OH, at the Ohio University Airport, OH 32E and US 50E join. Continue east on OH 32 and US 50. Pass the exit for US 33E to Pomeroy, OH (that off-ramp exits to the left).

Take Exit 17 for OH 682N. You will have gone about nine miles from the airport. Turn right at the first traffic light onto Richland Avenue to cross the Hocking River, and enter the Ohio University campus. Turn right at the traffic light onto South Green Drive. Stay on South Green Drive for approximately 0.6 miles. Turn left onto N. McKinley Avenue. Follow this to the stop sign. At the stop sign you will be facing a parking lot and Morton Hall.

**Car Rental:** Special rates have been negotiated with Avis Rent A Car for the period March 19–April 3, 2004, beginning at \$24.99/day for a subcompact car at the weekend rate (the weekend rate is available from noon Thursday until Monday at 11:59 p.m.). All rates include unlimited free mileage. Rates do not include state or local surcharges, tax, optional coverages, or gas refueling charges. Renter must meet Avis's age, driver, and credit requirements, and return to the same renting location. Make reservations by calling 800-331-1600 or online at [www.avis.com](http://www.avis.com). Please quote **Avis Discount Number B159266** when making reservations.

**Public Transportation:** Lakefront Lines Inc., a Cleveland-based bus service, has a bus stopping at the Oasis, 70 University Terrace (adjacent to Morton Hall), twice a day, with buses going to Parkersburg, WV, and Columbus. You can check the schedule online at <http://www.lakefrontlines.com/Serath.html>. Call 800-331-5009 or email: [lmoores@lakefrontlines.com](mailto:lmoores@lakefrontlines.com) for more information.

## Los Angeles, California

*University of Southern California*

**April 3–4, 2004**

*Saturday – Sunday*

**Meeting #996**

Western Section

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: February 2004

Program first available on AMS website: February 19, 2004

Program issue of electronic *Notices*: April 2004

Issue of *Abstracts*: Volume 02, Issue 04

### Deadlines

For organizers: Expired  
 For consideration of contributed papers in Special Sessions:  
 December 16, 2003  
 For abstracts: February 10, 2004

### Invited Addresses

**Dan Boneh**, Stanford University, *Title to be announced.*  
**Maria E. Schonbek**, University of California Santa Cruz, *Navier-Stokes: Long time behavior and existence questions.*  
**Paul Smith**, University of Washington, *Noncommutative algebraic geometry.*  
**Christopher Martin Thiele**, University of California Los Angeles, *Title to be announced.*

### Special Sessions

*Arithmetic Geometry and K-Theory* (Code: SS 7A), **Thomas Geisser** and **Wayne Raskind**, University of Southern California.  
*Complex and Hyperbolic Geometry* (Code: SS 6A), **Francis Bonahon** and **Dragomir Saric**, University of Southern California.  
*Contact and Symplectic Geometry* (Code: SS 1A), **Dragomir Dragnev**, **Ko Honda**, and **Sang Seon Kim**, University of Southern California.  
*Dynamic Equations on Time Scales: Theory and Applications* (Code: SS 5A), **John M. Davis** and **Johnny Henderson**, Baylor University, and **Qin Sheng**, University of Dayton.  
*Financial Mathematics* (Code: SS 3A), **Jaksa Cvitanic** and **Janfeng Zhang**, University of Southern California.  
*Fluid Problems and Related Questions* (Code: SS 2A), **Maria Schonbek**, University of California Santa Cruz, and **Yuxi Zheng**, Pennsylvania State University.  
*Modern Problems of Integration: Theory and Applications* (Code: SS 11A), **Mark Burgin**, University of California Los Angeles.  
*Noncommutative Algebra and Algebraic Geometry* (Code: SS 12A), **Lance W. Small**, University of California San Diego, and **Paul Smith**, University of Washington.  
*Nonlinear and Harmonic Analysis* (Code: SS 10A), **Rowan Killip** and **Christopher Thiele**, University of California Los Angeles.  
*Partial Differential Equations* (Code: SS 9A), **Igor Kukavica**, University of Southern California, and **Qi S. Zhang**, University of California Riverside.  
*Recent Advances in the Mathematical Analysis of Geophysical and Hydrodynamical Models* (Code: SS 8A), **Mohammed Ziane**, University of Southern California.  
*Smooth Ergodic Theory and Related Topics* (Code: SS 4A), **Nicolai Haydn**, University of Southern California, and **Huyi Hu**, Michigan State University.

# Lawrenceville, New Jersey

*Rider University*

**April 17–18, 2004**

*Saturday – Sunday*

### Meeting #997

Eastern Section  
 Associate secretary: Lesley M. Sibner  
 Announcement issue of *Notices*: February 2004  
 Program first available on AMS website: March 4, 2004  
 Program issue of electronic *Notices*: April 2004  
 Issue of *Abstracts*: Volume 03, Issue 04

### Deadlines

For organizers: Expired  
 For consideration of contributed papers in Special Sessions:  
 December 30, 2003  
 For abstracts: February 24, 2004

### Invited Addresses

**Sylvia Serfaty**, New York University-Courant Institute, *Title to be announced.*  
**Dennis P. Sullivan**, City College (CUNY), *Title to be announced.*  
**Wim F. Sweldens**, Bell Laboratories, *Title to be announced.*  
**Gaoyong Zhang**, Polytechnic University, *Title to be announced.*

### Special Sessions

*Algebraic Geometry and Mirror Symmetry* (Code: SS 4A), **Ciprian Borcea**, Rider University.  
*Analytic Convex Geometry* (Code: SS 15A), **Alina Stancu**, Polytechnic University, and **Elisabeth Werner**, Case Western Reserve University.  
*Automorphic Forms and Analytic Number Theory* (Code: SS 1A), **Stephen Miller**, Rutgers University, and **Ramin Takloo-Bighash**, Princeton University.  
*Commutative Algebra and Algebraic Geometry* (Code: SS 14A), **Alberto Corso**, University of Kentucky, **Claudia Polini**, University of Notre Dame, and **Volmer V. Vasconcelos**, Rutgers University.  
*Convergence of Riemannian Manifolds* (Code: SS 12A), **Christina Sormani**, Herbert H. Lehman College (CUNY), **Xiaochun Rong**, Rutgers State University, and **Guofang Wei**, University of California Santa Barbara.  
*CR Geometry and Singularities* (Code: SS 10A), **Joseph J. Kohn**, Princeton University, **John P. D'Angelo**, University of Illinois, **Xiaojun Huang**, Rutgers University, and **Andreea Nicoara**, Harvard University.  
*Elliptic Surfaces and Elliptic Fibrations* (Code: SS 9A), **William L. Hoyt**, Rutgers University, **Joseph H. Silverman**,

Brown University, and **Charles F. Schwartz**, Rider University.

*Geometry and Arithmetic of Lattices* (Code: SS 13A), **John H. Conway**, Princeton University, and **Derek A. Smith**, Lafayette College.

*Geometry of Protein Modelling* (Code: SS 5A), **Ileana Streinu**, Smith College, and **Jack Snoeyink**, University of North Carolina at Chapel Hill.

*Group Cohomology and Related Topics (in Honor of William Browder's 70th Birthday)* (Code: SS 16A), **Alejandro Adem**, University of Wisconsin, and **Jonathan Pakianathan**, University of Rochester.

*Homotopical Physics* (Code: SS 7A), **James Stasheff**, University of North Carolina, and **Thomas J. Lada**, North Carolina State University.

*Homotopy Theory, a Special Session in Honor of William Browder's 70th Birthday* (Code: SS 3A), **Martin Bendersky**, Hunter College, and **Donald Davis**, Lehigh University.

*Strings and Branes* (Code: SS 6A), **Thomas P. Branson**, University of Iowa, and **S. James Gates**, University of Maryland.

*Surgery, a Special Session in Honor of William Browder's 70th Birthday* (Code: SS 8A), **Frank S. Quinn**, Virginia Polytechnic Institute & State University.

*Tomography and Integral Geometry* (Code: SS 2A), **Andrew Markoe**, Rider University, and **Eric Todd Quinto**, Tufts University.

*Variational Methods in Classical Mechanics* (Code: SS 11A), **John N. Mather**, Princeton University, and **Vadim Y. Kaloshin**, Institute for Advanced Study.

## Houston, Texas

*Hyatt Regency Houston*

**May 13–15, 2004**

*Thursday – Saturday*

### Meeting #998

*Sixth International Joint Meeting of the AMS and the Sociedad Matemática Mexicana (SMM).*

Associate secretary: John L. Bryant

Announcement issue of *Notices*: February 2004

Program first available on AMS website: March 11, 2004

Program issue of electronic *Notices*: April 2004

Issue of *Abstracts*: Volume 03, Issue 04

### Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions:  
January 6, 2004

For abstracts: March 2, 2004

### Invited Addresses

**Luchezar Avramov**, University of Nebraska, *Title to be announced.*

**Persi W. Diaconis**, Stanford University, *Title to be announced.*

**Samuel Gitler**, CINVESTAV, *Title to be announced.*

**Adolfo Sanchez-Valenzuela**, Centro de Investigacion en Matematicas, *Title to be announced.*

**Jose Seade-Kuri**, UNAM, *Title to be announced.*

**Bernd Sturmfels**, University of California Berkeley, *Title to be announced* (Erdős Memorial Lecture).

### Special Sessions

*Algebraic Geometry* (Code: SS 19A), **Pedro Luis Del Angel R.**, CIMAT.

*Algebraic Topology* (Code: SS 11A), **Miguel A. Xicotencatl**, CINVESTAV, and **Frederick R. Cohen**, University of Rochester.

*Associative Rings* (Code: SS 5A), **Jose Rios Montes**, UNAM, **Maria-Jose Arroyo**, UAM-Iztapalapa, and **Sergio R. Lopez-Permouth**, Ohio University.

*Coding Theory and Cryptography* (Code: SS 17A), **Horacio Tapia-Recillas**, UAM-Iztapalapa, and **Neal I. Koblitz**, University of Washington.

*Complex Analysis and Operator Theory* (Code: SS 10A), **Enrique Ramirez de Arellano**, CINVESTAV, **John E. Fornæss**, University of Michigan, Ann Arbor, and **Norberto Salinas**, University of Kansas.

*Continua Theory and General Topology* (Code: SS 6A), **Janusz J. Charatonik**, UNAM, **Charles L. Hagopian**, California State University, Sacramento, and **Sergio Macias**, UNAM.

*Continuous Distributed Parameters Models in Mathematical Biology* (Code: SS 13A), **William E. Fitzgibbon**, University of Houston, and **Jorge X. Velasco Hernandez**, Instituto Mexicana del Petroleo.

*Curvature and Geodesics* (Code: SS 23A), **David D. W. Bao**, University of Houston, and **Lilia Del Riego**, Universidad Autónoma San Luis Potosi.

*Designing Frames and Wavelets: From Theory to Digitization* (Code: SS 18A), **Peter R. Massopust**, Tuboscope Pipeline Services, and **Manos I. Papadakis**, University of Houston.

*Differential Geometry* (Code: SS 20A), **Raul Quiroga Barranco**, CINVESTAV, and **Alberto Candell**, California State University, Northridge.

*Dynamical Systems* (Code: SS 8A), **Renato Iturriaga**, CIMAT, and **Rafael de la Llave**, University of Texas at Austin.

*Geometric Variational Problems* (Code: SS 15A), **Clara Garza-Hume**, IIMAS, UNAM, and **Michael Wolf** and **Robert M. Hardt**, Rice University.

*Graph Theory and Combinatorics* (Code: SS 1A), **Gelacio Salazar**, IICO, UASLP, **Isidoro Gitler**, CINVESTAV, and **Nathaniel Dean**, Texas Southern University.

*Harmonic and Functional Analysis* (Code: SS 3A), **Salvador Perez-Esteva**, UNAM-Cuernavaca, **Carlos Bosh-Giral**, ITAM, and **Josefina Alvarez**, University of New Mexico.

*Homological Algebra of Commutative Rings* (Code: SS 21A), **Srikanth Iyengar**, University of Nebraska, and **Graham J. Leuschke**, University of Toronto.

*Low Dimensional Topology* (Code: SS 7A), **Victor Nuñez**, CIMAT, and **Luis G. Valdez**, University of Texas, El Paso.

*Mathematical Physics* (Code: SS 16A), **Carlos Villegas-Blas**, UNAM, and **Alejandro Uribe**, University of Michigan, Ann Arbor.

*Mathematical Problems in the Analysis of Synchronous States in Networks* (Code: SS 22A), **Kresimir Josic**, University of Houston, and **Valentin Afraimovich**, IICO-UASLP.

*Nonlinear Analysis* (Code: SS 4A), **Monica Clapp**, UNAM, and **Alfonso Castro**, University of Texas at San Antonio.

*Problems and Issues in Electronic Publishing* (Code: SS 12A), **Klaus Kaiser**, University of Houston, and **Bernd Wegner**, Technische Universität Berlin.

*Representations of Algebras* (Code: SS 2A), **Rita Zuazua**, UNAM, and **Gordana G. Todorov**, Northeastern University.

*Space and Time Decomposition Methods in Computational and Applied Mathematics* (Code: SS 14A), **Roland Glowinski** and **Tsorng-Whay Pan**, University of Houston, and **L. Hector Juarez V.**, UAM-Iztapalapa.

*Stochastic Processes and Probability* (Code: SS 9A), **Daniel Hernandez**, CIMAT, **Paul G. Dupuis**, Brown University, and **Daniel L. Ocone**, Rutgers University.

## Nashville, Tennessee

*Vanderbilt University*

**October 16–17, 2004**

*Saturday – Sunday*

### Meeting #999

Southeastern Section

Associate secretary: John L. Bryant

Announcement issue of *Notices*: August 2004

Program first available on AMS website: September 2, 2004

Program issue of electronic *Notices*: October 2004

Issue of *Abstracts*: Volume 04, Issue 04

### Deadlines

For organizers: March 16, 2004

For consideration of contributed papers in Special Sessions:  
June 29, 2004

For abstracts: August 24, 2004

## Albuquerque, New Mexico

*University of New Mexico*

**October 16–17, 2004**

*Saturday – Sunday*

### Meeting #1000

Western Section

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: August 2004

Program first available on AMS website: September 3, 2004

Program issue of electronic *Notices*: October 2004

Issue of *Abstracts*: Volume 04, Issue 04

### Deadlines

For organizers: March 16, 2004

For consideration of contributed papers in Special Sessions:  
June 29, 2004

For abstracts: August 24, 2004

### Invited Addresses

**Sara C. Billey**, University of Washington, Seattle, *Title to be announced.*

**Peter Ebenfelt**, University of California San Diego, *Title to be announced.*

**Theodore Stanford**, New Mexico State University, *Title to be announced.*

**Craig A. Tracy**, University of California Davis, *Title to be announced.*

### Special Sessions

*Algebraic Geometry* (Code: SS 3A), **Hirotschi Abo** and **Chris Peterson**, Colorado State University.

*Random Matrix Theory and Growth Processes* (Code: SS 1A), **Craig A. Tracy**, University of California Davis.

*Several Complex Variables and CR Geometry* (Code: SS 2A) **Peter Ebenfelt**, University of California San Diego, and **Marshall A. Whittlesey**, California State University, San Marcos.

## Evanston, Illinois

*Northwestern University*

**October 23–24, 2004**

*Saturday – Sunday*

### Meeting #1001

Central Section

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: August 2004

Program first available on AMS website: September 9, 2004

Program issue of electronic *Notices*: October 2004

Issue of *Abstracts*: Volume 04, Issue 04

**Deadlines**

For organizers: March 23, 2004  
 For consideration of contributed papers in Special Sessions:  
 July 7, 2004  
 For abstracts: August 31, 2004

**Invited Addresses**

**Ian Agol**, University of Illinois at Chicago, *Title to be announced.*  
**Robert W. Ghrist**, University of Illinois, *Title to be announced.*  
**Yuri Manin**, Northwestern University, *Title to be announced.*  
**Paul Seidel**, Imperial College-London and University of Chicago, *Title to be announced.*

**Special Sessions**

*Codes and Applications* (Code: SS 5A), **William C. Huffman**, Loyola University of Chicago, and **Vera S. Pless**, University of Illinois at Chicago.

*Computability Theory and Applications* (Code: SS 8A), **Robert I. Soare** and **Denis R. Hirschfeldt**, University of Chicago.

*Extremal Combinatorics* (Code: SS 2A), **Dhruv Mubayi** and **Yi Zhao**, University of Illinois at Chicago.

*Fluid Dynamics, Diffusion and Reaction* (Code: SS 4A), **Peter S. Constantin** and **Leonid V. Ryzhik**, University of Chicago.

*Geometric Partial Differential Equations* (Code: SS 7A), **Gui-Qiang Chen** and **Jared Wunsch**, Northwestern University.

*Index Theory, Morse Theory, and the Witten Deformation Method* (Code: SS 3A), **Igor Prokhorov** and **Ken Richardson**, Texas Christian University.

*Modern Schubert Calculus* (Code: SS 1A), **Ezra Miller**, University of Minnesota, and **Frank Sottile**, University of Massachusetts.

*Nonlinear Partial Differential Equations and Applications* (Code: SS 6A), **Gui-Qiang Chen**, Northwestern University, and **Mikhail Feldman**, University of Wisconsin at Madison.

*Solving Polynomial Systems* (Code: SS 9A), **Anton Leykin** and **Jan Verschelde**, University of Illinois at Chicago.

## Pittsburgh, Pennsylvania

*University of Pittsburgh*

**November 6–7, 2004**

*Saturday – Sunday*

**Meeting #1002**

Eastern Section  
 Associate secretary: Lesley M. Sibner  
 Announcement issue of *Notices*: September 2004

Program first available on AMS website: September 23, 2004

Program issue of electronic *Notices*: November 2004  
 Issue of *Abstracts*: Volume 04, Issue 04

**Deadlines**

For organizers: April 7, 2004  
 For consideration of contributed papers in Special Sessions:  
 July 20, 2004  
 For abstracts: September 14, 2004

**Special Sessions**

*Convexity and Combinatorics* (Code: SS 2A), **James F. Lawrence** and **Valeriu Soltan**, George Mason University.

*Invariants of Knots and 3-Manifolds* (Code: SS 1A), **Marta M. Asaeda**, University of Maryland, **Jozef H. Przytycki**, George Washington University, and **Adam S. Sikora**, SUNY at Buffalo.

## Atlanta, Georgia

*Atlanta Marriott Marquis and  
Hyatt Regency Atlanta*

**January 5–8, 2005**

*Wednesday – Saturday*

*Joint Mathematics Meetings, including the 111th Annual Meeting of the AMS, 88th Annual Meeting of the Mathematical Association of America (MAA), annual meetings of the Association of Women in Mathematics (AWM) and the National Association of Mathematicians (NAM), and the winter meeting of the Association of Symbolic Logic (ASL).*

Associate secretary: Lesley M. Sibner

Announcement issue of *Notices*: October 2004

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: January 2005

Issue of *Abstracts*: To be announced

**Deadlines**

For organizers: April 5, 2004  
 For consideration of contributed papers in Special Sessions:  
 To be announced  
 For abstracts: To be announced  
 For summaries of papers to MAA organizers: To be announced

## Bowling Green, Kentucky

*Western Kentucky University*

**March 18–19, 2005**

*Friday – Saturday*

Southeastern Section

Associate secretary: John L. Bryant

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: July 19, 2004  
For consideration of contributed papers in Special Sessions:  
To be announced  
For abstracts: To be announced

## Newark, Delaware

*University of Delaware*

### April 2–3, 2005

*Saturday – Sunday*

Eastern Section

Associate secretary: Lesley M. Sibner

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: September 2, 2004  
For consideration of contributed papers in Special Sessions:  
To be announced  
For abstracts: To be announced

## Lubbock, Texas

*Texas Tech University*

### April 8–10, 2005

*Friday – Sunday*

Southeastern Section

Associate secretary: Susan J. Friedlander

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

## Santa Barbara, California

*University of California Santa Barbara*

### April 16–17, 2005

*Saturday – Sunday*

Western Section

Associate secretary: Michel L. Lapidus

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

## Mainz, Germany

### June 16–19, 2005

*Thursday – Sunday*

*Second Joint International Meeting with the Deutsche Mathematiker-Vereinigung (DMV) and the Oesterreichische Mathematische Gesellschaft (OMG)*

Associate secretary: Susan J. Friedlander

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

### Invited Addresses

**Helene Esnault**, University of Essen, *Title to be announced.*

**Richard Hamilton**, Columbia University, *Title to be announced.*

**Michael J. Hopkins**, Massachusetts Institute of Technology, *Title to be announced.*

**Christian Krattenthaler**, University of Lyon, *Title to be announced.*

**Frank Natterer**, University of Muenster, *Title to be announced.*

**Hong-Tzer Yau**, New York University and Stanford University, *Title to be announced.*

## Johnson City, Tennessee

*East Tennessee State University*

### October 15–16, 2005

*Saturday – Sunday*

Southeastern Section

Associate secretary: John L. Bryant

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: March 15, 2005  
 For consideration of contributed papers in Special Sessions:  
 To be announced  
 For abstracts: To be announced

## Lincoln, Nebraska

*University of Nebraska in Lincoln*

**October 21–22, 2005**

*Friday – Saturday*  
 Central Section  
 Associate secretary: Susan J. Friedlander  
 Announcement issue of *Notices*: August 2005  
 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 Antonio, Texas

*Henry B. Gonzalez Convention Center*

**January 12–15, 2006**

*Thursday – Sunday*  
*Joint Mathematics Meetings, including the 112th Annual Meeting of the AMS, 89th 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).*  
 Associate secretary: John L. Bryant  
 Announcement issue of *Notices*: October 2005  
 Program first available on AMS website: To be announced  
 Program issue of electronic *Notices*: January 2006  
 Issue of *Abstracts*: To be announced

**Deadlines**

For organizers: April 12, 2005  
 For consideration of contributed papers in Special Sessions:  
 To be announced  
 For abstracts: To be announced  
 For summaries of papers to MAA organizers: To be announced

## New Orleans, Louisiana

*New Orleans Marriott and Sheraton  
 New Orleans Hotel*

**January 4–7, 2007**

*Thursday – Sunday*  
*Joint Mathematics Meetings, including the 113th Annual Meeting of the AMS, 90th Annual Meeting of the Mathematical Association of America (MAA), 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).*  
 Associate secretary: Susan J. Friedlander  
 Announcement issue of *Notices*: October 2006  
 Program first available on AMS website: To be announced  
 Program issue of electronic *Notices*: January 2007  
 Issue of *Abstracts*: To be announced

**Deadlines**

For organizers: April 4, 2006  
 For consideration of contributed papers in Special Sessions:  
 To be announced  
 For abstracts: To be announced  
 For summaries of papers to MAA organizers: To be announced

## San Diego, California

*San Diego Convention Center*

**January 6–9, 2008**

*Sunday – Wednesday*  
*Joint Mathematics Meetings, including the 114th Annual Meeting of the AMS, 91st Annual Meeting of the Mathematical Association of America (MAA), 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).*  
 Associate secretary: Michel L. Lapidus  
 Announcement issue of *Notices*: October 2007  
 Program first available on AMS website: November 1, 2007  
 Program issue of electronic *Notices*: January 2008  
 Issue of *Abstracts*: Volume 29, Issue 1

**Deadlines**

For organizers: April 6, 2007  
 For consideration of contributed papers in Special Sessions:  
 To be announced  
 For abstracts: To be announced  
 For summaries of papers to MAA organizers: To be announced

# Washington, District of Columbia

*Marriott Wardman Park Hotel  
and Omni Shoreham Hotel*

**January 7–10, 2009**

*Wednesday – Saturday*

*Joint Mathematics Meetings, including the 115th Annual Meeting of the AMS, 92nd Annual Meeting of the Mathematical Association of America (MAA), 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).*

Associate secretary: Lesley M. Sibner

Announcement issue of *Notices*: October 2008

Program first available on AMS website: November 1, 2008

Program issue of electronic *Notices*: January 2009

Issue of *Abstracts*: Volume 30, Issue 1

## **Deadlines**

For organizers: April 7, 2008

For consideration of contributed papers in Special Sessions:

To be announced

For abstracts: To be announced

For summaries of papers to MAA organizers: To be announced