# 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.

## San Diego, California

*San Diego Convention Center*

**January 6–9, 2002**

### Meeting #973

*Joint Mathematics Meetings, including the 108th Annual Meeting of the AMS, 85th Meeting of the Mathematical Association of America (MAA), with minisymposia and other special events contributed by the Society for Industrial and Applied Mathematics (SIAM); the 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 2001
Program first available on AMS website: November 1, 2001
Program issue of electronic *Notices*: January 2002
Issue of *Abstracts*: Volume 23, 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: To be announced

### AMS Program Updates

**Lawrence Craig Evans**, University of California Berkeley, will give the **Colloquium Lectures** on *Entropy Methods for Partial Differential Equations* in three parts: *Entropy and entropy flux pairs*; *Entropy, equilibrium, and irreversibility*; and *Maximum principle methods* on Sunday, Monday, and Tuesday, respectively, at 1:00 p.m.

**Using the AMSREFS Package for LaTeX Bibliographies**, Monday, 1:00 p.m. to 2:00 p.m., presented by **Michael Downes**, AMS. This new package for authors addresses a number of shortcomings in the usual current methods of bibliography production that tend to cause authors unnecessary extra work. Using this package when submitting manuscripts electronically will significantly increase the quality of the bibliography data for archival purposes. This presentation is oriented toward authors who are writing typical research-level mathematics.

**New Directions at the NSF**, Tuesday, 9:45 a.m. to 10:45 a.m. Panelists include **David Eisenbud** and **Michael F. Singer**, Mathematical Sciences Research Institute; **Douglas N. Arnold**, Institute for Mathematics and its Applications; **Mark L. Green**, Institute for Pure and Applied Mathematics; and **Philippe Tondeur**, NSF Division of Mathematical Sciences. The panel will be moderated by **Tony F. Chan**, UCLA.

**Who Wants to Be a Mathematician**, Tuesday, 10:00 a.m. to 10:55 a.m., organized by **Michael A. Breen** and **Annette W. Emerson**, AMS, and **William T. Butterworth**, Barat College. Come watch ten of San Diego's top high school students as they have the chance to compete for cash and prizes by answering questions about mathematics. There's no partial credit to agonize over, and the top prize is $2,000. Contestants can ask for help from the audience, so the more people in the audience who know mathematics, the better it is for the contestants. You're invited

to come and take part in this educational and fun presentation.

## MAA Program Updates

**Course Portfolios and the Scholarship of Teaching and Learning**, Sunday, 4:15 p.m. to 5:45 p.m., organized by **Thomas F. Banchoff**, Brown University. A course portfolio is "a form of scholarly inquiry and communication through which we can represent and exchange the scholarship of teaching" (Shulman 1998). In this session, panelists, who have all been participants in the Carnegie Academy for Teaching and Learning, will discuss how course portfolios might be most profitably used in the discipline of mathematics, illustrated by portfolios in progress. Discussion will follow. Panelists for the session include **Bruce N. Cooperstein**, University of California, Santa Cruz; **Curtis D. Bennett**, Bowling Green State University; **Anita J. Salem**, Rockhurst University; and **John P. Holcomb**, Cleveland State University.

**Presentations by Teaching Award Recipients**, Tuesday, 3:30 p.m. Presenters and the titles of their talks include **Dennis DeTurck**, University of Pennsylvania, *Polymath teaching*; **Paul J. Sally Jr.**, University of Chicago, *Teaching up and down the mathematical ladder*; and **Edward L. Sptiznagel Jr.**, Washington University (St. Louis), *Pharmacokinetics*.

## Social Events

**Purdue Mathematics Department Alumni Reception**, Monday, 6:00 p.m. to 7:00 p.m.

## 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 6 through 9, 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.

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|---|---|
| **Joint Mathematics Meetings** | |
| Member of AMS, ASL, Canadian Mathematical Society (CMS), MAA | $241 |
| Emeritus Member of AMS, MAA | $45 |
| Nonmember | $373 |
| Temporarily Employed | $166 |
| Graduate Student/Unemployed | $45 |
| Librarians/High School Teachers | $45 |
| Developing Country Participant | $45 |
| Undergraduate Students | $26 |
| High School Students | $5 |
| Nonmathematician Guest | $5 |
| **Joint Mathematics Meetings One Day** | |
| Member of AMS, ASL, CMS, MAA | $132 |
| Nonmember | $205 |
| **MAA Minicourses (if openings available)** | |
| Minicourses #9–15 | $60 |
| Minicourses #3–8 | $90 |
| **Employment Center** | |
| Employer (First Table) | $300 |
| Employer (Each Additional Table) | $100 |
| Applicant (All Services) | $75 |
| Applicant (Message Center Only) | $20 |
| **AMS Short Course** | |
| Student/Unemployed | $50 |
| Emeritus Member of AMS, MAA | $50 |
| Member of AMS or MAA | $100 |
| All Other Participants | $130 |
| **MAA Short Course** | |
| MAA member | $140 |
| Nonmember | $190 |
| Student/Unemployed/Emeritus | $60 |

## 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 1112-1113 in the October issue of the *Notices* should call the hotels directly after **December 14**. However, we regret that after that date the MMSB can no longer guarantee availability of rooms or of the special convention rates.

Please see the October issue for special discount fare information on USAirways, Delta, and Southwest Airlines as well as driving directions to the San Diego Convention Center and Marriott Hotel & Marina.

## Registration Dates, Times, and Locations

**AMS and MAA Short Courses**
Marina Foyer, Marriott

| | |
|---|---|
| Friday, January 4 | 7:30 a.m. to 4:00 p.m. |

**Joint Mathematics Meetings and MAA Minicourses**
Hall B1, San Diego Convention Center

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|---|---|
| Saturday, January 5 | 3:00 p.m. to 7:00 p.m. |
| Sunday–Tuesday, January 6-8 | 7:30 a.m. to 4:00 p.m. |
| Wednesday, January 9 | 7:30 a.m. to 2:00 p.m. |

**Employment Center**
Hall B2, San Diego Convention Center
Sunday, January 6 7:30 a.m. to 4:00 p.m.
(registration for scheduled interviews, Interview Center)
Monday, January 7 7:00 a.m. to 7:30 p.m.
(schedule distribution, interviews, Interview Center)
Tuesday, January 8 8:15 a.m. to 7:30 p.m.
(scheduled interviews and Interview Center)
Wednesday, January 9 9:00 a.m. to 1:00 p.m.
(Interview Center only)

Employment Center registrants who are participating in the computer-scheduled interviews must register and fill out interview request forms on **Sunday, January 6**. There will be no registration on Monday and Tuesday; only interviews will take place on these days.

# Ann Arbor, Michigan

*University of Michigan*

**March 1–3, 2002**

## Meeting #974

Central Section
Associate secretary: Susan J. Friedlander
Announcement issue of *Notices*: January 2002
Program first available on AMS website: January 17, 2002
Program issue of electronic *Notices*: May 2002
Issue of *Abstracts*: Volume 23, Issue 2

## Deadlines

For organizers: Expired
For consideration of contributed papers in Special Sessions: Expired
For abstracts: January 9, 2002

## Invited Addresses

**Lazlo Babai**, University of Chicago, *Title to be announced.*

**Netts Katz**, Washington University, *Title to be announced.*

**Alan Reid**, University of Texas at Austin, *Title to be announced.*

**Lihe Wang**, University of Iowa, *Title to be announced.*

**Thaleia Zariphopoulou,** University of Texas at Austin, *Pricing and risk management in incomplete markets.*

## Special Sessions

*Algebraic Combinatorics* (Code: AMS SS H1), **Patricia Hersh**, University of Michigan, Ann Arbor, and **Brian D. Taylor**, Wayne State University.

*Algebraic Topology* (Code: AMS SS F1), **Robert Bruner**, Wayne State University, and **Igor Kriz**, University of Michigan, Ann Arbor.

*Biological Applications of Dynamical Systems* (Code: AMS SS J1), **J. M. Cushing**, University of Arizona, **Shandelle M. Henson**, Andrews University, and **Anna M. Spagnuolo**, Oakland University.

*Commutative Algebra* (Code: AMS SS D1), **Florian Enescu** and **Anurag K. Singh**, University of Utah, and **Karen E. Smith**, University of Michigan, Ann Arbor.

*Differential Geometry* (Code: AMS SS K1), **Lizhen Ji**, **Krishnan Shankar**, and **Ralf Spatzier**, University of Michigan, Ann Arbor.

*Hyperbolic Manifolds and Discrete Groups* (Code: AMS SS E1), **Richard D. Canary**, University of Michigan, Ann Arbor, and **Alan W. Reid**, University of Texas, Austin.

*Integrable systems and Poisson geometry* (Code: AMS SS C1), **Anthony Block**, University of Michigan, **Philip Foth**, University of Arizona, and **Michael Gekhtman**, University of Notre Dame.

*Mapping class groups and geometric theory of Teichmuller spaces* (Code: AMS SS P1), **Benson Farb**, University of Chicago, **Nikolai Ivanov**, Michigan State University, and **Howard Masur**, University of Illinois, Chicago.

*Mathematical Models in Medicine and the Life Sciences* (Code: AMS SS M1), **Patrick Nelson**, University of Michigan, Ann Arbor.

*Moduli Spaces* (Code: AMS SS G1), **Angela Gibney**, University of Michigan, Ann Arbor.

*Numerical Analysis and Applications of Partial Differential Equations* (Code: AMS SS L1), **Joan Remski** and **Jennifer Zhao**, University of Michigan, Dearborn.

*Partial Differential Equations* (Code: AMS SS N1), **Qing Han**, University of Notre Dame, and **Lihe Wang**, University of Iowa.

*Quantum Topology in Dimension Three* (Code: AMS SS A1), **Charles Frohman**, University of Iowa, and **Joanna Kania-Bartoszynska**, Boise State University.

*Topics in Geometric Function Theory* (Code: AMS SS B1), **David A. Herron**, University of Cincinnati, **Nageswari Shanmugalingam**, University of Texas, and **Jeremy T. Tyson**, SUNY at Stony Brook.

## Accommodations

Participants should make their own arrangements directly with the hotel of their choice and request the AMS/Sectional Meeting discount. The AMS is not responsible for rate changes or for the quality of the accommodations.

On-campus hotels:

**The Inn at the Michigan League**, 911 North University, Ann Arbor, MI 48109; 734-764-3177; $115 single, $125 double ($10 each additional person), $205 single suite, $220 double suite. **Deadline for reservations is February 1**.

**Bell Tower**, 300 South Thayer, Ann Arbor, MI 48104, 800-562-3559; 2001 rates: $135 single and $150 double (2002 rates to be determined). **Deadline for reservations is January 28**.

**Campus Inn**, 615 East Huron, Ann Arbor, MI 48104; 800-666-8693; 2001 rates: $120 single and $137 double (2002 rates to be determined). **Deadline for reservations is January 28**.

Off-campus hotels (approx 5 miles from Central Campus):

**Holiday Inn-North Campus**, 3600 Plymouth Rd., Ann Arbor, MI 48105, 800-800-5560; $86 single or double. **Deadline for reservations is February 1**. Van service to Central Campus provided subject to availability.

## Food Service

There are a number of restaurants adjacent to the campus. A list of restaurants will be available at the registration desk.

## Local Information

Please visit the website maintained by the Department of Mathematics at `http://www.math.lsa.umich.edu` and the University of Michigan, Ann Arbor campus information site at `http://www. umich.edu/~info/`.

## Other Activities

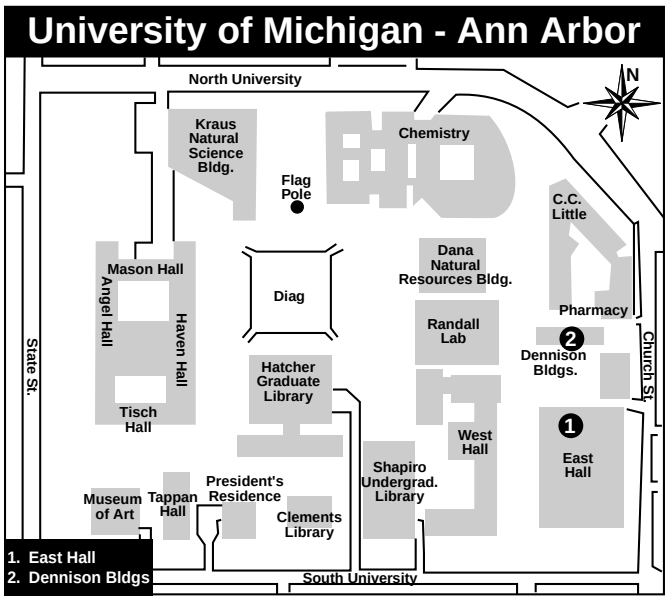
**AMS Book Sale:** Examine the newest titles from AMS! Most books will be available at a special 50% discount offered only at meetings. Complimentary coffee will be served, courtesy of AMS Membership Services.

**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.

## Parking

Visitor parking is available in a number of lots located throughout campus. At some locations, central pay stations are installed. To use these machines, note the parking space number as this information will be required when paying.

Parking fees and the maximum hours of use are indicated either on individual meters or central pay station. The period of time a vehicle may be parked in a particular space should be noted. For example, some spaces may allow parking for 30 minutes while others in the same location may be used for 4 hours or more. The parking rate is $.60 per hour at all locations.




Convenient parking is available in the lot located at the corner of Forest and S. University. Parking is only free/available on Friday and Saturday after 6:00 p.m. for non-UM employees and available to everyone all day on Sunday.

For details on campus parking visit `http://www.umich.edu/~newsinfo/ccamp.html`.

## Registration and Meeting Information

The registration desk will be located in the Mathematics Atrium, 1st Floor Atrium, East Hall, and will be open from 11:30 a.m. to 4:30 p.m. on Friday, and 8:00 a.m. to 4:30 p.m. on Saturday. Talks are in East Hall and Dennison Hall.

**Registration fees:** (payable on-site only) $40/AMS members; $60/nonmembers; $5/emeritus members, students, or unemployed mathematicians. Fees are payable by cash, check, VISA, Mastercard, Discover, or American Express.

## Travel

**By Air:** The Detroit Metro Airport (DTW) is located approximately 25 miles from campus (approx 35 minutes by car) and is served by all major airlines. For more information visit `http://www.metroairport.com/`. For information on Amtrak and Greyhound Bus service visit `http://www.umich.edu/~info/transportation.html`. In addition to taxi service (approx $40–50 one way), transportation from the airport is provided by the following:

Metro Cars Service: Metro Cars can be reached at 734-946-5700 or visit `http://metrocars.net`. The cost to Ann Arbor is $47 (for 1–4 people) one way. Metro Cars accepts cash or credit card. To use Metro Cars, go to the blue curb at the airport which is located at the lower level baggage (go through the double doors, cross over to the blue curb).

Metropolitan Shuttlebus Service costs $22 per person for a one-way trip ($40 roundtrip). They will pick up or drop off anywhere on campus. The shuttle stops at all airport terminals and the airport Marriott. For more information or to make a reservation, call 734-727-1740 or contact them at `http://link1270@aol.com`.

Ken's Airport Shuttle Service costs $45 one-way or $85 round-trip to transport 1–4 people. They will pick up or drop off anywhere on campus. For information or to make a reservation (they are required!), call 734-941-7777 or 888-789-6187.

**Driving:** East Hall and Dennison Hall are located on Central Campus of the University of Michigan, Ann Arbor:

**From Detroit (heading West) I-94 (Ford Freeway):** Take State Street Exit 177. Turn right (north). Continue on State Street approximately 2 miles to the main campus area.

**From Chicago (heading East):** Take State Street Exit 177. Turn left (north). Continue on State Street approximately 2 miles to the main campus area.

**U.S. 23 from Ohio (heading North):** Take Washtenaw-Ann Arbor Exit 37B and turn right (west) onto Washtenaw. At the fork in the road where Stadium Blvd and Washtenaw

split (approximately 2–3 miles), stay to the right on Washtenaw following the Hospital signs. Take a left at Hill Street (you'll see "The Rock"). Continue down Hill Street (campus buildings will be on your right). Take a right on State Street. Go two blocks. The Michigan Union is on your left at the South State Street and South University intersection.

**U.S. 23 from Northern MI (heading South):** Take U.S. 23 South to M-14 West. Follow M-14 West signs closely. At the fork, stay to the right following the "Ann Arbor" signs. Take the second exit after the fork, Exit #3, called "Downtown Ann Arbor", this will become Main Street. Follow Main Street to William Street. Take a left at William Street. Continue down William Street until it ends at State St. Take a right on State Street. Go one block. The Michigan Union is on your right at the intersection of South State Street and South University.

**I-696 (W. P. Ruether Freeway) from Northwest Suburbs:** Take I-696 to I-275 South to M-14 West. Follow the M-14 West signs closely. At the fork, stay to the left following the "Ann Arbor" signs. Take the second exit after the fork, Exit #3, which is called "Downtown Ann Arbor", this will become Main St. Follow Main St. to William St. Take a left on William and follow it until it ends at State St. Take a right on State St. The Michigan Union will be on your right at the intersection of State St. and South University.

**I-96 (also called the Jeffries Freeway) from parts of Detroit, Redford, M-14, Plymouth and Canton:** Take I-96 to M-14 West. Follow M-14 West signs closely, as by Ann Arbor it forks to the left. Take the second exit after the fork, Exit #3, which is marked "Downtown Ann Arbor"; this will become Main Street. Follow Main Street to William Street. Turn left on William Street and follow it until it ends at State St. Take a right on State Street to head towards the Michigan Union.

**Car rental:** Special rates have been negotiated with **Avis Rent A Car** for the period February 22–March 10. All rates include unlimited free mileage; the weekend rates quoted are available from noon Thursday until Monday at 11:59 p.m. Rates do not include state or local surcharges, tax, optional coverages, or gas refueling charges. Renter must meet Avis' age, driver, and credit requirements. Make reservations by calling 800-331-1600 or online at `http://www.avis.com`. Nonweekend and weekly rates are also available. Please quote **Avis Discount Number B159266** when making reservations.

Daily weekend rates are Subcompact, $22.99; Compact, $23.99; Intermediate, $25.99; Full size (2-door), $28.99, Full size (4-door), $30.99; Premium, $32.99; Luxury, $65.99; Minivan, $65.99; and Sport Utility, $65.99.

# Atlanta, Georgia

*Georgia Institute of Technology*

**March 8–10, 2002**

## Meeting #975

Southeastern Section
Associate secretary: John L. Bryant
Announcement issue of *Notices*: January 2002
Program first available on AMS website: January 31, 2002
Program issue of electronic *Notices*: May 2002
Issue of *Abstracts*: Volume 23, Issue 2

## Deadlines

For organizers: Expired
For consideration of contributed papers in Special Sessions: Expired
For abstracts: January 22, 2002

## Invited Addresses

**Georgia Benkart**, University of Wisconsin, Madison, *Title to be announced.*

**Robert L. Bryant**, Duke University, *Title to be announced.*

**Johnny Henderson,** Auburn University, *Title to be announced.*

**Nigel J. Kalton**, University of Missouri, Columbia, *Title to be announced.*

**James G. Oxley**, Louisiana State University, *The interplay between graphs and matroids.*

## Special Sessions

*Algebraic Combinatorics* (Code: SS T1), **Mihai A. Ciucu**, Georgia Institute of Technology.

*Automated Reasoning in Mathematics and Logic* (Code: SS S1), **Johan G. F. Belinfante**, Georgia Institute of Technology.

*Banach Spaces and Their Applications* (Code: SS B1), **Peter G. Casazza** and **N. J. Kalton**, University of Missouri-Columbia.

*Collaborative Learning Classroom Activities* (Code: SS M1), **Sabrina A. Hessinger**, Armstrong Atlantic State University.

*Combinatorics and Graph Theory* (Code: SS A1), **John M. Harris**, Furman University.

*Computation in the Mathematical Sciences* (Code: SS X1), **Sabrina A. Hessinger**, Armstrong Atlantic State University, and **Mark D. Cawood**, Clemson University.

*Dynamic Equations on Time Scales* (Code: SS V1), **Martin J. Bohner**, Florida Institute of Technology, and **Billur Kaymakcalan**, Georgia Southern University.

*Elementary Mathematical Modelling* (Code: SS L1), **Mary Ellen Davis**, Georgia Perimeter College.

*Frames, Wavelets, and Operator Theory* (Code: SS K1), **Christopher E. Heil** and **Yang Wang**, Georgia Institute of Technology.

*Graphs and Matroids* (Code: SS H1), **James G. Oxley** and **Bogdan Oporowski**, Louisiana State University, and **Robin Thomas**, Georgia Institute of Technology.

*Harmonic Analysis* (Code: SS E1), **Gerd Mockenhaupt** and **Michael T. Lacy**, Georgia Institute of Technology, and **Akos Magyar**, University of Georgia.

*Introductory/Elementary Statistics* (Code: SS Y1), **Patricia G. Monroe**, Greenville Technical College.

*Linear Algebra and Matrix Theory* (Code: SS N1), **Frank J. Hall** and **Zhongshan Li**, Georgia State University.

*Low Dimensional Topology* (Code: SS C1), **Wolfgang H. Heil**, Florida State University, and **Jose Carlos Gómez-Larrañaga**, CIMAT, Mexico.

*Mathematical Models in Biology* (Code: SS P1), **Robert D. Fray**, Furman University.

*Number Theory* (Code: SS R1), **David Penniston**, Furman University.

*Numerical Linear Algebra and Its Applications* (Code: SS J1), **Michele Benzi**, Emory University, **Steven B. Damelin**, Georgia Southern University, and **James Nagy**, Emory University.

*Quantum Structures* (Code: SS D1), **Alexander G. Wilce**, Juniata College, **Richard J. Greechie**, Louisiana Technical University, and **Franklin E. Schroeck**, Florida Atlantic University.

*Real World Applications of Mathematics* (Code: SS U1), **Mark C. Ginn**, Appalachian State University.

*Research on the Mathematical Education of Undergraduates* (Code: SS W1), **Joe Wimbish**, Huntingdon College.

*Symplectic and Contact Topology* (Code: SS Q1), **Margaret Symington**, Georgia Institute of Technology, and **Gordana Matic**, University of Georgia.

*Technology and Distance Learning* (Code: SS F1), **Tom Morley**, Georgia Institute of Technology, and **Martha Abel**, Georgia Southern University.

*Three Bridges from "Applied" to "Mathematics"* (Code: SS G1), **Peter Mucha**, **John A. Pelesko**, **John E. McCuan**, and **Guillermo H. Goldsztein**, Georgia Institute of Technology.

## Short Courses

Four Short Courses will be presented on Friday morning, 8:30 a.m. to 11:30 a.m. There is a registration fee of $20 for each course, which is separate from the general meeting fee. Please see abstracts for each Short Course with specific instructions on how to register in advance (no later than February 15, 2002) at `http://www.maa.org/southeastern`.

*Cryptology: Mathematics, Craft, and Implementation*, presented by **Thomas H. Barr**, Rhodes College.

*An Introduction to the Mathematics of Biology*, presented by **Edward Yeargers**, Georgia Institute of Technology (Biology); **Ronald W. Shonkwiler**, Georgia Institute of Technology, and **James Herod**, Georgia Institute of Technology.

*Optimal Use of Technology in Teaching Geometry at the College-University Level*, presented by **Subhash C. Saxena**, Coastal Carolina University.

*Teaching Mathematics from Afar*, presented by **Linda Boyd**, Georgia Perimeter College.

## Undergraduate Poster Session

This session features results of research by undergraduate students. Students are encouraged to present their research from academic-year work or from summer research projects. Students will be expected to be available for one hour at the poster session to discuss their research with interested persons. When submitting the abstract electronically select UNDERGRAD as the session code. Questions or suggestions are welcomed by **Robert L. Bernhardt**, East Carolina University, Greenville, NC 27858-4353, phone: 252-328-4109, e-mail: `bernhardtr@mail.ecu.edu`.

## Contributed Paper Sessions

There will be sessions for ten-minute contributed talks, grouped by similar topic insofar as possible. See the electronic abstract submission instructions at `http://www.ams.org/abstracts/instructions.html`. Submitting via the web form is the easiest method. Please select CP 1 as the event code for this session. The deadline for receipt of abstracts is January 22, 2002; this deadline will be strictly enforced.

## Accommodations

Participants should make their own arrangements directly with a hotel of their choice. Because there is a technical convention of 20,000 attendees and the ACC Men's Basketball Conference (40,000 expected) in Atlanta over the same weekend as the meeting, accommodations may sell out early. Blocks of rooms have been reserved at special rates at the properties below for the nights of Thursday, Friday, and Saturday, March 7-9. Room rates do not include the tax of 14%. Please cite the group name **Georgia Tech Math** when making a reservation. Hotels have varying cancellation or early checkout penalties; be sure to ask details when making your reservation. The AMS and MAA are not responsible for rate changes or for the quality of the accommodations.

**Days Inn Peachtree**, 683 Peachtree St., Atlanta, GA 30308, 404-874-9200, 404-873-4245 (fax). Rates are $69/single or double; approximately 2/3 mile from the meeting site. **Deadline for reservations is February 7, 2002.**

**Fairfield Inn by Marriott in Midtown Atlanta**, 1470 Spring St., NW, Atlanta, GA 30309, 404-872-5821, 404-874-3602 (fax). Rates are $89/single or double; approximately 1.5 miles from the meeting site. **Deadline for reservations is February 7, 2002.**

**Hampton Inn (Atlanta-Midtown)**, 1152 Spring St., Atlanta, GA 30309, 404-872-3234, 404-872-2434 (fax). Rates are $89/single or double. Rates include free parking, coffee in rooms; approximately one mile from the meeting site. **Deadline for reservations is February 8, 2002.**

**Holiday Inn Express North Ave.**, 244 North Ave., NW, Atlanta, GA 30313, 1-800-HOLIDAY (465-4329) or 404-

881-0881. Rates are $80/one king bed or $87/two double beds; approximately three to four blocks from the meeting site. **Deadline for reservations is February 15, 2002.**

**Regency Suites Hotel**, 975 West Peachtree at 10th St., Atlanta, GA 30309, 800-642-3629, 404-876-5003, 404-817-7511 (fax). Rates are $89/king bed or $99/two double beds. Parking is $8/night; approximately one mile from the meeting site. **Deadline for reservations is February 7, 2002.**

**Wyndham Midtown Atlanta**, 125 10th St., NE, Atlanta, GA, 404-873-4800. Rates are $108/single or $118/double; approximately one mile from the meeting site. **Deadline for reservations is February 7, 2002.**

## Food Service

See `http://www.accessatlanta.com/ajc/living/dining/` for a comprehensive restaurant list. Campus locations will be available at the meeting.

## Local Information

Please see the website maintained by Georgia Institute of Technology at `http://www.gatech.edu`, with maps at `http://www.gtalumni.org/campusmap`.

## Other Activities

**Book Sales:** Examine the newest titles from the AMS and the MAA! Several other publishers have been invited to participate in the exhibits. 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 exhibits will be in the atrium of the Instructional Center.

**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.

**T. A. Rush:** This event provides an opportunity for students to meet with representatives of graduate programs. If your institution wishes to participate and to be listed in the program as a part of T.A. Rush, notify Jason Huffman Jacksonville State University, phone: 256-782-5822, e-mail: `jhuffman@jsucc.jsu.edu` by January 15, 2002. This event will be scheduled during lunch on Friday in conjunction with a pizza lunch for students. There is a $25 fee for each participating graduate institution.

**MAA Project NExT (Southeastern Section):** This national program is for new or recent Ph.D.'s in the mathematical sciences interested in improving the teaching and learning methods of undergraduate mathematics. A workshop will be held on Thursday, March 7, to discuss topics of special relevance to beginning faculty. For information and an application form, see `http://www.mathsci.appstate.edu/~jmh/NeExTSE`.

## Parking

Parking on Friday is available in the Visitor Lot immediately adjacent to the Student Center and in the Visitor Lot at Ferst and State Streets (both lots are accessible from Ferst Street). Cost is $.50/hour with a $6 maximum. On Saturday and Sunday, you may park in one of the Visitor Lots (A05 or A06 on the campus map) next to the Student Center. See driving directions below.

## Reception

All meeting participants are invited to a cash bar reception on Friday evening at 6:00 p.m. in the Presidential Suites of the Moore Student Success Center. Drop by to visit with colleagues before going out-on-the-town for dinner.

## Registration

Scientific sessions will take place in the Instructional Center. The Invited Addresses will take place in Ferst Theater and the Tennenbaum Auditorium in the Instructional Center.

All meeting registration will be done on site in the Instructional Center, on Friday and Saturday, 8:00 a.m. to 4:30 p.m., with the exception of the Short Course where one must register in advance as described above. Registration fees are $25/members of AMS or MAA; $45/nonmembers; $5/students, emeritus, unemployed; and are payable by cash, check, VISA, Mastercard, Discover, or American Express.

## Travel

**By air:** Atlanta, Georgia is served by Hartsfield International Airport. Taxis charge a standard rate of $25 to bring someone from the airport to the Georgia Tech campus. There are various shuttle and limo services with varying rates, depending on the number of passengers. Atlanta Airport Shuttle offers individual transportation to the George Tech area for $14/person, and also offers group rates as follows: 10-passenger minivan: $93.94, 20-passenger minibus: $137.25, or a 55-passenger motorcoach: $465.45. Also see the information on MARTA below.

**Car rental:** Special rates have been negotiated with **Avis Rent A Car** for the period March 1 to March 17, 2002, beginning at $22.99/day for a subcompact car at the weekend rate. All rates include unlimited free mileage; the weekend rates quoted are available from noon Thursday until Monday at 11:59 p.m. Rates do not include state or local surcharges, tax, optional coverages, or gas refueling charges. Renter must meet Avis' 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`. Higher nonweekend and weekly rates are also available. Please quote **Avis Discount Number B159266** when making reservations.

**Driving North on I-75/85 into Atlanta (from the airport):** Take Exit #249D (North Avenue, Spring Street, West Peachtree Street). At the top of the exit ramp, proceed through the first intersection (Spring Street). At the next intersection (West Peachtree), turn left. Continue on West Peachtree for approximately one block and turn left on North Avenue. Cross over the interstate, and go past Techwood Drive (the first light). Proceed to the next right, which is Cherry Street. Turn right onto Cherry Street and then left onto Ferst Drive. After the road curves right, the Student Center will be on the right and the Instructional

Center is a bit farther on the right. See parking options above.

**Driving South on I-75/85 into Atlanta:** Take Exit #249D (North Avenue). At the top of the exit ramp, turn right onto North Avenue. Cross over the interstate, and go past Techwood Drive (the first light). Proceed to the next right, which is Cherry Street. Turn right onto Cherry Street and then left onto Ferst Drive. After the road curves right, the Student Center will be on the right and the Instructional Center is a bit farther on the right. See parking options above.

**Metropolitan Atlanta Rapid Transit Authority (MARTA):** You may catch the MARTA train at the airport. Fare is $1.75 one way, and exact change is required (change machines are available at MARTA stations). Take the train to the North Avenue station (N3). A MARTA/Remote Lot Stinger leaves this station every 15 minutes. Alternately, walk three blocks west on North Avenue to campus or transfer to a bus on route #13 to Tech. On weekdays, these buses leave the station approximately every 15 to 20 minutes. On weekends and holidays, buses depart approximately every 30 minutes.

### Weather

In early March, expect average daytime highs of about 63 and lows of about 41. Average precipitation is about 5.8.

# Montréal, Québec Canada

*Centre de Recherches Mathématiques, Université de Montréal*

### May 3–5, 2002

### Meeting #976

Eastern Section
Associate secretary: Lesley M. Sibner
Announcement issue of *Notices*: March 2002
Program first available on AMS website: March 21, 2002
Program issue of electronic *Notices*: July 2002
Issue of *Abstracts*: Volume 23, Issue 3

### Deadlines

For organizers: Expired
For consideration of contributed papers in Special Sessions: January 15, 2002
For abstracts: March 12, 2002

### Invited Addresses

**Nicholas M. Ercolani**, University of Arizona, *Title to be announced.*

**Lars Hesselholt**, Massachusetts Institute of Technology, *Title to be announced.*

**Niky Kamran**, McGill University, *Title to be announced.*

**Rafael de la Llave**, University of Texas at Austin, *Title to be announced.*

### Special Sessions

*Asymptotics for Random Matrix Models and Their Applications* (Code: AMS SS J1), **Nicholas M. Ercolani**, University of Arizona, and **Kenneth T.-R. McLaughlin**, University of North Carolina at Chapel Hill and University of Arizona.

*Combinatorial Hopf Algebras* (Code: AMS SS C1), **Marcelo Aguiar**, Texas A&M University, and **François Bergeron** and **Christophe Reutenauer**, Université du Québec á Montréal.

*Combinatorial and Geometric Group Theory* (Code: AMS SS A1), **Olga G. Kharlampovich**, McGill University, **Alexei Myasnikov** and **Vladimir Shpilrain**, City College, New York, and **Daniel Wise**, McGill University.

*Commutative Algebra and Algebraic Geometry* (Code: AMS SS G1), **Irena Peeva**, Cornell University, and **Hema Srinivasan**, University of Missouri-Columbia.

*Curvature and Topology* (Code: AMS SS E1), **Regina Rotman**, Courant Institute, New York University, **Christina Sormani**, Lehman College, CUNY, and **Kristopher R. Tapp**, SUNY at Stony Brook.

*Function Spaces in Harmonic Analysis and PDEs* (Code: AMS SS D1), **Galia D. Dafni** and **Jie Xiao**, Concordia University.

*Potential Theory* (Code: AMS SS B1), **Paul M. Gauthier**, Université de Montréal, **K. Gowri Sankaran**, McGill University, and **David H. Singman**, George Mason University.

*Shape Theory in Dynamics* (Code: AMS SS F1), **Alex Clark**, University of North Texas, and **Krystyna M. Kuperberg**, Auburn University.

*Spectral Geometry* (Code: AMS SS H1), **Dmitry Jakobson**, McGill University, and **Yiannis Petridis**, McGill University and Centre de recherches Mathematiques.

# Pisa, Italy

### June 12–16, 2002

### Meeting #977

*First Joint International Meeting between the AMS and the Unione Matematica Italiana.*
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*: Not applicable
Issue of *Abstracts*: Not applicable

### Deadlines

For organizers: Expired
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: Abstract submission procedures, including the setting of deadlines, are being arranged by the UMI.

Please watch their website at `http://www.dm.unipi.it/%7Emeet2002/` for announcements.

## Invited Addresses

**Luigi Ambrosio**, Scuola Normale Superiore, *Title to be announced.*

**Luis A. Caffarelli**, University of Texas at Austin, *Title to be announced.*

**Claudio Canuto**, Politecnico of Torino, *Title to be announced.*

**L. Craig Evans**, University of California Berkeley, *Title to be announced.*

**Giovanni Gallavotti**, University of Rome I, *Title to be announced.*

**Sergio Klainerman**, Princeton University, *Title to be announced.*

**Rahul V. Pandharipande**, California Institute of Technology, *Title to be announced.*

**Claudio Procesi**, University of Roma, *Title to be announced.*

## Special Sessions

*Advances in Complex, Contact and Symplectic Geometry*, **Paolo De Bartolomeis**, University of Firenze, **Yakov Eliashberg**, Stanford University, **Gang Tian**, MIT, and **Giuseppe Tomassini**, Scuola Normale Superiore, Pisa.

*Advances in Differential Geometry of PDE's and Applications*, **Valentin Lychagin**, University of Heights, Newark, and **Agostino Prastaro**, University of Roma, La Sapienza.

*Algebraic Logic and Universal Algebra*, **Paolo Agliano**, University of Siena, **Keith A. Kearnes**, University of Colorado, **Franco Montagna**, University of Siena, **Don Pigozzi**, Iowa State University, and **Aldo Ursini**, University of Siena.

*Algebraic Vector Bundles*, **Vincenzo Ancona**, University of Firenze, **Mohan Kumar**, Washington University, **Giorgio Maria Ottaviani**, University of Firenze, **Christopher Peterson**, Colorado State University, and **Prabhakar Rao**, University of Missouri.

*Analytic Aspects of Convex Geometry*, **Stefano Campi**, University of Modena, **Richard Gardner**, Western Washington University, **Erwin Lutwak**, Polytechnic University Brooklyn, and **Alijosa Volcic**, University of Trieste.

*Classification Theory and Topology of Algebraic Varieties*, **Fabrizio Catanese**, University of Goettingen, **Janos Kollar**, Princeton University, and **Shing-Tung Yau**, Harvard University.

*Commutative Algebra and the Geometry of Projective Varieties*, **Ciro Ciliberto**, University of Roma II, **Anthony Geramita**, University of Genova, **Rick Miranda**, Colorado State University, and **Ferruccio Orecchia**, University of Napoli.

*Commutative Algebra: Hilbert Functions, Homological Methods and Combinatorial Aspects*, **Aldo Conca**, University of Genova, **Anna Guerrieri**, University of L'Aquila, **Claudia Polini**, University of Oregon, and **Bernd Ulrich**, Michigan State University.

*Commutative Rings and Integer-valued Polynomials*, **Stefania Gabelli**, University of Roma III, and **Thomas G. Lucas**, University of North Carolina Charlotte.

*Complex, Contact and Quaternionic Geometry*, **David E. Blair**, Michigan State University, and **Stefano Marchiafava**, University of Roma, La Sapienza.

*Contemporary Developments in Partial Differential Equations and in the Calculus of Variations*, **Irene Fonseca**, Carnegie Mellon University, and **Paolo Marcellini**, University of Firenze.

*Didattica della Dimostrazione*, **Ferdinando Arzarello**, University of Torino, **Guershon Harel**, Purdue University, and **Vinicio Villani**, University of Pisa.

*Dynamical Systems*, **Antonio Giorgilli**, University of Milano-Bicocca, **Stefano Marmi**, Scuola Normale Superiore, Pisa, and **John Norman Mather**, Princeton University.

*Elliptic Partial Differential Equations*, **Angelo Alvino**, University of Napoli, **Luis Caffarelli**, University of Texas, **Giorgio Talenti**, University of Firenze, and **Vladimir Oliker**, Emory University.

*Equazioni di Evoluzione Nonlineari*, **Alberto Tesei**, University of Roma, La Sapienza.

*Free Boundary Problems*, **Ricardo Horacio Nochetto**, College Park, Maryland, and **Augusto Visintin**, University of Trento.

*Geometric Properties of Solutions to PDEs*, **Donatella Danielli**, Johns Hopkins University, and **Sandro Salsa**, Politecnico of Milano.

*Harmonic Analysis*, **Fulvio Ricci**, Scuola Normale Superiore, Pisa, and **Elias M. Stein**, Princeton University.

*Higher Dimensional Algebra*, **John Baez**, University of California, Riverside, and **Giuseppe Rosolini**, University of Genova.

*History of Mathematics*, **Piers Bursil-Hall**, Cambridge University, **Enrico Giusti**, University of Firenze, and **James J. Tattersall**, Providence College.

*Hyperbolic Equations*, **Sergiu Klainerman**, Princeton University, and **Sergio Spagnolo**, University of Pisa.

*Hyperbolic Systems of Conservation Laws*, **Alberto Bressan**, SISSA, Trieste, and **Shi Jin**, University of Wisconsin.

*Inverse Boundary Problems and Applications*, **Giovanni Alessandrini**, University of Trieste, and **Gunther Uhlmann**, University of Washington.

*Jump Processes in Option Pricing Theory*, **Claudio Albanese**, University of Toronto, and **Marco Isopi**, University of Bari.

*Kolmogorov Equations*, **Giuseppe Da Prato**, Scuola Normale Superiore, Pisa, and **Nicolai V. Krylov**, University of Minnesota.

*Logarithmic De Rham Cohomology and Dwork Cohomology*, **Alan Adolphson**, Oklahoma State University, Stillwater, **Francesco Baldassarri**, University of Padova, **Arthur Ogus**, University of California, Berkeley, and **Steven Sperber**, University of Minnesota, Minneapolis.

*Mathematical Problems in Soft Matter Modelling*, **Eugene C. Gartland**, Kent State University, and **Epifanio Virga**, University of Pavia.

*Mathematical Problems in Transport Theory*, **Carlo Cercignani**, Politecnico of Milano, and **Irene Gamba**, University of Texas.

*Mathematical Schools: Italy and the United States at the Turn of the Twentieth Century*, **Umberto Bottazzini**, University of Palermo, and **Karen Hunger Parshall**, University of Virginia.

*Mathematics in Polymer Science*, **Antonio Fasano**, University of Firenze, and **Kumbakonam R. Rajagopal**, Texas A&M University.

*Microlocal Analysis and Applications to PDE*, **Daniele Del Santo**, University of Trieste, **M. K. Venkatesha Murthy**, University of Pisa, and **Daniel Tataru**, Northwestern University.

*Nonlinear Analysis*, **Antonio Ambrosetti**, SISSA, Trieste, **Vieri Benci**, University of Pisa, **Haim Brezis**, Rutgers University, and **Paul Rabinowitz**, University of Wisconsin.

*Nonlinear Elliptic and Parabolic Equations and Systems*, **Gary Lieberman**, Iowa State University, and **Antonio Maugeri**, University of Catania.

*Nonstandard Methods and Applications in Mathematics*, **Alessandro Berarducci**, University of Pisa, **Nigel Cutland**, University of Hull, **Mauro Di Nasso**, University of Pisa, and **David Ross**, University of Hawaii.

*Operator Algebras*, **Sergio Doplicher**, University of Roma, La Sapienza, and **Edward George Effros**, University of California Los Angeles.

*Optimization and Control*, **Roberto Triggiani**, University of Virginia, and **Tullio Zolezzi**, University of Genova.

*Partial Differential Equations of Mixed Elliptic - Hyperbolic Type and Applications*, **Daniela Lupo**, Politecnico of Milano, **Cathleen S. Morawetz**, Courant Institute, and **Kevin R. Payne**, University of Milano.

*Periodic Solutions of Differential and Difference Equations*, **Massimo Furi**, University of Firenze, and **Mario Umberto Martelli**, Claremont McKenna College.

*Poisson Geometry and Integrable Systems*, **Franco Magri**, University of Milano, and **Ping Xu**, Pennsylvania State University.

*Quantum Cohomology and Moduli Spaces*, **Angelo Vistoli**, University of Bologna, and **Aaron Bertram**, University of Utah.

*Scaling Limits and Homogenization Problems in Physics and Applied Sciences*, **Mario Pulvirenti**, University of Roma, and **George Papanicolaou**, Stanford University.

*Semigroups of Operators and Applications*, **Francesco Altomare**, University of Bari, and **Frank Neubrander**, Louisiana State University.

*Semigroups, Automata and Formal Languages*, **Alessandra Cherubini**, Politecnico of Milano, and **John Meakin**, University of Nebraska-Lincoln.

*Simulation via Quantum Computation*, **Thomas L. Clarke**, University of Central Florida, Orlando, and **Massimo Pica Ciamarra**, University of Napoli.

*Some Mathematics Around Composites*, **Robert V. Kohn**, Courant Institute, and **Vincenzo Nesi**, University of Roma, La Sapienza.

*Structured Matrix Analysis with Applications*, **Dario Andrea Bini**, University of Pisa, and **Thomas Kailath**, Stanford University.

*The Topology of 3-manifolds*, **Ricardo Benedetti** and **Carlo Petronio**, University of Pisa, **Dale Rolfsen**, University of British Columbia, Vancouver, and **Jeffrey Weeks**, Canton, New York.

*Variational Analysis and Applications*, **Franco Giannessi**, University of Pisa, **Boris S. Mordukhovich**, Wayne State University, Detroit, **Biagio Ricceri**, University of Catania, and **R. Tyrrell Rockafellar**, University of Washington.

*Viscosity Methods in PDE's and Applications*, **Piermarco Cannarsa**, University of Roma II, **Italo Capuzzo Dolcetta**, University of Roma, La Sapienza, and **Panagiotis Souganidis**, University of Texas, Austin.

*White Noise Theory and Quantum Probability*, **Luigi Accardi**, University of Roma, Tor Vergata, and **Hui-Hsiung Kuo**, Louisiana State University.

# Portland, Oregon

*Portland State University*

**June 20-22, 2002**

### Meeting #978

*Meeting held in conjunction with the Pacific Northwest Section of the Mathematical Association of America.*
Western Section
Associate secretary: Bernard Russo
Announcement issue of *Notices*: April 2002
Program first available on AMS website: May 9, 2002
Program issue of electronic *Notices*: August 2002
Issue of *Abstracts*: Volume 23, Issue 2

### Deadlines

For organizers: Expired
For consideration of contributed papers in Special Sessions: March 5, 2002
For abstracts: April 30, 2002

### Special Sessions

*Algebraic Geometry and Combinatorics* (Code: AMS SS B1), **Eric Babson** and **Rekha Thomas**, University of Washington, and **Sergey Yuzvinsky**, University of Oregon.

*Qualitative Properties and Applications of Functional Equations* (Code: AMS SS A1), **Theodore A. Burton**, Southern Illinois University.

*The Quintic Equation: Algebra and Geometry* (Code: AMS SS C1), **Jerry Shurman**, Reed College, and **Scott Crass**, California State University, Long Beach.

# Boston, Massachusetts

*Northeastern University*

**October 5–6, 2002**

### Meeting #979

Eastern Section
Associate secretary: Lesley M. Sibner
Announcement issue of *Notices*: August 2002
Program first available on AMS website: August 22, 2002
Program issue of electronic *Notices*: December 2002
Issue of *Abstracts*: Volume 23, Issue 4

### Deadlines

For organizers: March 6, 2002
For consideration of contributed papers in Special Sessions: June 18, 2002
For abstracts: August 13, 2002

### Invited Addresses

**Lou P. van den Dries**, University of Illinois, Urbana-Champaign, *Title to be announced.*

**Diane Henderson**, Pennsylvania State University, *Title to be announced.*

**Christopher K. King**, Northeastern University, *Title to be announced.*

**Xiaobo Liu**, University of Notre Dame, *Title to be announced.*

### Special Sessions

*Ergodic Theory and Dynamical Systems* (Code: AMS SS B1), **Stanley J. Eigen**, Northeastern University, and **Vidhu S. Prasad**, University of Massachusetts, Lowell.

*Modern Schubert Calculus* (Code: AMS SS A1), **Frank Sottile**, University of Massachusetts, Amherst, and **Christopher T. Woodward**, Rutgers University.

# Madison, Wisconsin

*University of Wisconsin-Madison*

**October 12–13, 2002**

### Meeting #980

Central Section
Associate secretary: Susan J. Friedlander
Announcement issue of *Notices*: August 2002
Program first available on AMS website: August 29, 2002
Program issue of electronic *Notices*: December 2002
Issue of *Abstracts*: Volume 23, Issue 4

### Deadlines

For organizers: March 12, 2002
For consideration of contributed papers in Special Sessions: June 25, 2002
For abstracts: August 20, 2002

### Invited Addresses

**Lawrence Ein**, University of Illinois at Chicago, *Title to be announced.*

**Eleny Ionel**, University of Wisconsin, *Title to be announced.*

**Mikhail Safonov**, University of Minnesota, *Title to be announced.*

**John Sullivan**, University of Illinois, Urbana-Champaign, *Title to be announced.*

### Special Sessions

*Arithmetic Algebraic Geometry* (Code: AMS SS A1), **Ken Ono** and **Tonghai Yang**, University of Wisconsin-Madison.

*Arrangements of Hyperplanes* (Code: AMS SS E1), **Daniel C. Cohen**, Louisiana State University, **Peter Orlik**, University of Wisconsin-Madison, and **Anne Shepler**, University of California, Santa Cruz.

*Biological Computation and Learning in Intelligent Systems* (Code: AMS SS S1), **Shun-ichi Amari**, RIKEN, **Amir Assadi**, University of Wisconsin-Madison, and **Tomaso Poggio**, Massachusetts Institute of Technology.

*Combinatorics and Special Functions* (Code: AMS SS T1), **Richard Askey** and **Paul Terwilliger**, University of Wisconsin-Madison.

*Dynamical Systems* (Code: AMS SS P1), **Sergey Bolotin** and **Paul Rabinowitz**, University of Wisconsin-Madison.

*Effectiveness Questions in Model Theory* (Code: AMS SS J1), **Charles McCoy**, **Reed Solomon**, and **Patrick Speissegger**, University of Wisconsin-Madison.

*Geometric Methods in Differential Equations* (Code: AMS SS H1), **Gloria Mari Beffa**, University of Wisconsin-Madison, and **Peter Olver**, University of Minnesota.

*Geophysical Waves and Turbulence* (Code: AMS SS M1), **Paul Milewski**, **Leslie Smith**, and **Fabian Waleffe**, University of Wisconsin-Madison.

*Group Cohomology and Homotopy Theory* (Code: AMS SS G1), **Alejandro Adem**, University of Wisconsin-Madison, and **Jesper Grodal**, Institute for Advanced Study.

*Harmonic Analysis* (Code: AMS SS C1), **Alex Ionescu** and **Andreas Seeger**, University of Wisconsin-Madison.

*Hyperbolic Differential Equations and Kinetic Theory* (Code: AMS SS K1), **Shi Jin**, **Marshall Slemrod**, and **Athanassios Tzavaras**, University of Wisconsin-Madison.

*Lie Algebras and Related Topics* (Code: AMS SS N1), **Georgia Benkart** and **Arun Ram**, University of Wisconsin-Madison.

*Multiresolution Analysis and Data Presentation* (Code: AMS SS F1), **Amos Ron**, University of Wisconsin-Madison.

*Partial Differential Equations and Geometry* (Code: AMS SS D1), **Sigurd Angenent** and **Mikhail Feldman**, University of Wisconsin-Madison.

*Probability* (Code: AMS SS R1), **David Griffeath**, University of Wisconsin-Madison, and **Timo Seppalainen**, Iowa State University.

*Ring Theory and Related Topics* (Code: AMS SS L1), **Don Passman**, University of Wisconsin-Madison.

*Several Complex Variables* (Code: AMS SS B1), **Pat Ahern**, **Xianghong Gong**, **Alex Nagel**, and **Jean-Pierre Rosay**, University of Wisconsin-Madison.

# Salt Lake City, Utah

*University of Utah*

### October 26–27, 2002

### Meeting #981

Western Section
Associate secretary: Bernard Russo
Announcement issue of *Notices*: September 2002
Program first available on AMS website: September 16, 2002
Program issue of electronic *Notices*: January 2003
Issue of *Abstracts*: Volume 23, Issue 4

### Deadlines

For organizers: March 26, 2002
For consideration of contributed papers in Special Sessions: July 10, 2002
For abstracts: September 4, 2002

# Orlando, Florida

*University of Central Florida*

### November 9–10, 2002

### Meeting #982

Southeastern Section
Associate secretary: John L. Bryant
Announcement issue of *Notices*: September 2002
Program first available on AMS website: September 26, 2002
Program issue of electronic *Notices*: January 2003
Issue of *Abstracts*: Volume 23, Issue 4

### Deadlines

For organizers: April 10, 2002
For consideration of contributed papers in Special Sessions: July 23, 2002
For abstracts: September 17, 2002

# Baltimore, Maryland

*Baltimore Convention Center*

### January 15–18, 2003

*Joint Mathematics Meetings, including the 109th Annual Meeting of the AMS, 86th 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*: 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: April 15, 2002
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

# Baton Rouge, Louisiana

*Louisiana State University*

### March 14–16, 2003

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: August 14, 2002
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

# Bloomington, Indiana

*Indiana University*

### April 4–6, 2003

Central 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: September 4, 2002
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

# Seville, Spain

### June 18–21, 2003

*First Joint International Meeting between the AMS and the Real Sociedad Matematica Española (RSME).*
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: May 15, 2002
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

### Special Sessions

*Nonlinear Dispersive Equations* (Code: AMS SS A1), **Gustavo Ponce**, University of California, Santa Barbara, and **Luis Vega**, Universidad del Pais Vascos.

# Binghamton, New York

*SUNY-Binghamton*

### October 10–12, 2003

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: March 10, 2003
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

# Phoenix, Arizona

*Phoenix Civic Plaza*

### January 7–10, 2004

Associate secretary: Bernard Russo
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: April 2, 2003
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

# Athens, Ohio

*Ohio University*

### March 26–27, 2004

Central 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: August 26, 2003
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

# Atlanta, Georgia

*Atlanta Marriott Marquis and Hyatt Regency Atlanta*

### January 5–8, 2005

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: 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