
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/>. Final programs for Sectional Meetings will be archived on the AMS website accessible from the stated URL and in an electronic issue of the *Notices* as noted below for each meeting.

Annandale-on- Hudson, New York

Bard College

October 8–9, 2005

Saturday – Sunday

Meeting #1009

Eastern Section

Associate secretary: Lesley M. Sibner

Announcement issue of *Notices*: August 2005

Program first available on AMS website: August 25, 2005

Program issue of electronic *Notices*: October 2005

Issue of *Abstracts*: Volume 26, Issue 4

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions:

Expired

For abstracts: August 16, 2005

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

Invited Addresses

Persi Diaconis, Stanford University, *Erdős picture of ‘most things’* (Erdős Memorial Lecture).

Harold Rosenberg, University of Paris VII, *Minimal and constant mean curvature surfaces in homogeneous 3-manifolds*.

Alice Silverberg, University of California Irvine, *Applying number theory and algebraic geometry to cryptography*.

Christopher Sogge, Johns Hopkins University, *Estimates for eigenfunctions of the Laplacian*.

Benjamin Sudakov, Princeton University, *Probabilistic reasoning and Ramsey Theory*.

Special Sessions

Algebraic and Geometric Combinatorics (Code: SS 12A), **Cristian P. Lenart**, State University of New York at Albany, and **Lauren L. Rose** and **Sheila Sundaram**, Bard College.

Extremal and Probabilistic Combinatorics (Code: SS 11A), **Benjamin Sudakov**, Princeton University.

Geometric Group Theory (Code: SS 1A), **Sean Cleary**, The City College of New York, and **Melanie I. Stein**, Trinity College.

Geometric Transversal Theory (Code: SS 3A), **Richard Pollock**, Courant Institute, New York University, and **Jacob Eli Goodman**, The City College of New York.

Global Theory of Minimal Surfaces (Code: SS 6A), **David A. Hoffman**, Mathematical Sciences Research Institute, and **Harold Rosenberg**, University of Paris VII.

History of Mathematics (Code: SS 2A), **Patricia R. Allaire**, Queensborough Community College, CUNY, **Robert E. Bradley**, Adelphi University, and **Jeff Suzuki**, Bard College.

Homological Aspects of Commutative Algebra (Code: SS 4A), **Alexandre Tchernev**, University of Albany, SUNY, and **Janet Vassilev**, University of Arkansas.

Infinite Groups (Code: SS 10A), **Anthony M. Gaglione**, United States Naval Academy, **Benjamin Fine**, Fairfield University, and **Dennis Spellman**, Philadelphia University.

Invariants of Graphs and Matroids (Code: SS 8A), **Gary Gordon** and **Lorenzo Traldi**, Lafayette College.

Mathematical Methods for the Analysis of Images and High-Dimensional Data (Code: SS 13A), **Erik M. Bollt**, Clarkson University, and **Rick Chartrand**, Los Alamos National Laboratory.

Measurable, Symbolic, and Tiling Dynamical Systems (Code: SS 9A), **Natalie Preibe Frank**, Vassar College, and **Samuel J. Lightwood**, Western Connecticut State University.

Special Functions and Orthogonal Polynomials: Theory and Applications (Code: SS 7A), **Diego Dominici**, State University of New York at New Paltz.

Theory of Infinite-Dimensional Lie Algebras, Vertex Operator Algebras, and Related Topics (Code: SS 5A), **Antun Milas**, SUNY at Albany, **Alex J. Feingold**, Binghamton University, and **Yi-Zhi Huang**, Rutgers University.

Accommodations

Participants should make their own arrangements directly with a hotel of their choice as early as possible. Special rates have been negotiated with the hotels listed below. Rates quoted do not include sales tax of 10.25%. The AMS is not responsible for rate changes or for the quality of the accommodations. When making a reservation, participants should state that they are with the **American Mathematical Society (AMS) Meeting at Bard College** group. Cancellation and early checkout policies vary; be sure to check when you make your reservation.

This is a holiday weekend in a very popular tourist area. Participants should make reservations early. Please note there are no accommodations within walking distance of Bard. There are some Bed and Breakfast Inns closer than the hotels listed below, but not within walking distance. See the list published by the college at <http://www.bard.edu/tools/services/accommodations/index/php>.

The following hotels are in Kingston, NY, about 20 minutes south of campus by car and about one hour south of Albany International Airport. Limited shuttle service between these hotels and campus will be provided by Bard College for the meeting days:

Holiday Inn, 503 Washington Ave. (New York State Thruway, I-87, exit #19), Kingston, NY 12401; phone: 845-338-0400, fax: 845-340-1908. Full-service newly-decorated hotel with restaurant and lounge, indoor heated pool, fitness center, data ports in guest rooms; US\$149/single or double occupancy. N.B. If staying on Saturday night (10/8), there is a two-night minimum, so you must also stay Friday or Sunday night as well. Deadline for reservations is **September 7, 2005**. Cancellation and early checkout policies vary; be sure to check when you make your reservation. For those participants who wish to provide

nonrefundable full deposits for their rooms, a discounted rate of US\$135.20/night is available through <http://www.holiday-inn.com>; note that the two-night minimum for a Saturday night stay still applies.

Ramada Inn, Route 28, NYS Thruway Exit 19, Kingston, NY 12401; phone: 845-339-3900, fax: 845-338-8464. Full-service hotel changing to Quality Inn by June 1, includes indoor heated pool, restaurant and lounge on premises, data ports in guest rooms; US\$99/single or double. Deadline for reservations is **September 7, 2005**. Cancellation and early checkout policies vary; be sure to check when you make your reservation.

Super 8 Motel, 487 Washington Ave. (I-87 exit #19), Kingston, NY 12401; phone and fax: 845-338-3078. Modest hotel with restaurants within walking distance. US\$75/single or double. Cancellation and early checkout policies vary; be sure to check when you make your reservation.

Food Service

Information will be available at the meeting.

Local Information

The mathematics department's webpage is located at the university's homepage <http://www.bard.edu/>. Campus and area maps, as well as travel information, can be found at <http://www.bard.edu/campus/maps/>.

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.

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

Visitors can park in any of the campus lots at no charge. The closest parking is in the gravel lot across from Olin Hall as well as a large paved lot a short distance away.

Registration and Meeting Information

The meeting is at Bard College, Annandale-on-Hudson, New York. The talks will take place in Olin Hall, Olin Language Center and Hegeman. The Invited Addresses will be in Olin Auditorium.

The registration desk, located in the Atrium, Olin Hall, will be open Saturday, October 8, 7:30 a.m.–4:00 p.m. and Sunday, October 9, 8:00 a.m.–noon. Fees are US\$40 for AMS or CMS members, US\$60 for nonmembers, and US\$5 for students, unemployed mathematicians, and emeritus members. Fees are payable on site by cash, check, or credit card.

Social Event

The department of mathematics will host a reception on Saturday, October 8, from 6:00 p.m. to 8:00 p.m. in Manor Café.

Travel

The official airline for the meetings is Delta Airlines. Take advantage of Delta's new SimpliFares™ and enjoy the following benefits:

- No Saturday-night stay required—more flexibility
- Always affordable—realize up to 50% savings on everyday fares in the contiguous forty-eight states
- Lower change fees—reduced from \$100 to \$50 to change travel plans

- Just eight fares—less guessing and easier planning

To make immediate reservations call Delta Air Lines at 800-221-1212. Be sure to reference **US738367060** or visit <http://www.delta.com> and enter SkyBonus account number **US738367060** in your passenger information screen to be recognized as a participant of the Joint Mathematics Meetings. Your benefits include:

- No service fees
- 1,000 SkyMile bonus points
- Skip the airport lines; check in online

Albany International Airport, 965 Old Albany Shaker Rd., Latham, NY, is the closest airport serving most major airlines and is located about 60 miles from campus. Travel from the airport to the campus is available by taxi (approximate fare is US\$104.50 plus round-trip tolls) or Greyhound Bus service (<http://www.greyhound.com> or call 800-231-2222 or 845-331-0744). The bus fare is around US\$38 round trip and service is very limited. The bus station in Kingston is across the street from the Super 8 and Holiday Inn.

Some travelers may find it more convenient to fly into Newark Liberty International Airport (EWR), about 120 miles from Bard. Transfer is available from EWR to the New York Port Authority at 8th and 42nd street in midtown New York City (**Olympia Airport Express**, 212-964-6233 or 908-354-3330; fare is US\$12) and on to Kingston via Trailways bus service (<http://www.trailwaysny.com/>) where the round-trip fare is approximately US\$41. The bus station in Kingston is across the street from the Holiday Inn and Super 8.

Also see the Bard College website for links to other airports and local transportation at <http://www.bard.edu/admission/visiting/> and <http://www.bard.edu/campus/maps/>.

Car rentals are available at the Albany airport from several companies. Enterprise seems to have the best rates starting at US\$21/day plus taxes/fees.

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

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

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

- family ties in home country or country of legal permanent residence,
- property ownership,
- bank accounts,
- employment contract or statement from employer stating that the position will continue when the employee returns.

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

- * Applicants should present their entire trip itinerary, including travel to any countries other than the United States, at the time of their visa application.

- * Include a letter of invitation from the meeting organizer or the U.S. host, specifying the subject, location and dates of the activity, and how travel and local expenses will be covered.

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

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

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

Weather

During October the average high and low temperatures are 62 and 41, respectively (degrees Fahrenheit).

Johnson City, Tennessee

East Tennessee State University

October 15–16, 2005

Saturday – Sunday

Meeting #1010

Southeastern Section

Associate secretary: Matthew Miller

Announcement issue of *Notices*: August 2005

Program first available on AMS website: September 1, 2005

Program issue of electronic *Notices*: October 2005

Issue of *Abstracts*: Volume 26, Issue 4

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions:
Expired

For abstracts: August 23, 2005

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

Invited Addresses

Alberto Bressan, Pennsylvania State University, *Optimal transportation metrics and nonlinear wave equations*.

Assaf Naor, Microsoft Research, *The b -Lipschitz theory of metric spaces: A survey of recent progress and algorithmic applications*.

Prasad V. Tetali, Georgia Institute of Technology, *Markov chain mixing: An update*.

Rekha R. Thomas, University of Washington, *Groebner bases: From theory to applications and back*.

Special Sessions

Approximation Theory (Code: SS 5A), **Robert Gardner**, East Tennessee State University, and **Narendra Kumar Govil**, Auburn University.

Commutative Ring Theory (Code: SS 1A), **David F. Anderson** and **David E. Dobbs**, University of Tennessee at Knoxville.

Discrete Models in Biology (Code: SS 7A), **Debra Knisley**, East Tennessee State University, and **Michael A. Langston**, Department of Computer Science, University of Tennessee, Knoxville.

Geometry and Algorithms in Metric Spaces (Code: SS 8A), **W. J. Bo Brinkman**, Computer Science & Systems Analysis Department, Miami University, and **Beata Randrianantoanina**, Miami University.

Mathematical Applications in Survival Analysis and Biostatistics (Code: SS 6A), **Don Hong**, East Tennessee State University, and **Tiejian Wu**, Department of Public Health, East Tennessee State University.

Mathematical Aspects of Wave Propagation Phenomena (Code: SS 2A), **Boris P. Belinskiy**, University of Tennessee at Chattanooga, and **Anjan Biswas**, Tennessee State University.

Mathematical Education of Teachers (Code: SS 3A), **Frederick Norwood** and **Michel Helfgott**, East Tennessee State University.

Nonlinear PDE Evolutionary Systems and Their Control (Code: SS 9A), **George Avalos**, University of Nebraska-Lincoln, and **Irena M. Lasiecka**, University of Virginia.

Nonlinear Wave Equations and Applications (Code: SS 4A), **Alberto Bressan** and **Yuxi Zheng**, Pennsylvania State University.

Accommodations

Participants should make their own arrangements directly with a hotel of their choice as early as possible. Special rates have been negotiated with the hotels listed below. Rates quoted do not include sales tax of 14.5%. The AMS is not responsible for rate changes or for the quality of the accommodations. When making a reservation, participants should state that they are with the **American Mathemat-**

ical Society (AMS) Meeting at ETSU group. Cancellation and early checkout policies vary; be sure to check when you make your reservation.

None of these hotels is within walking distance of campus. Limited shuttle service between these hotels and campus will be provided by Eastern Tennessee State University for the meeting days:

Super 8 Motel, 108 Wesley St., Johnson City, TN 37601; phone and fax: 423-282-8818. Modest hotel with refrigerators in rooms; US\$49.99/single, double, triple, or quadruple occupancy. Several restaurants within walking distance. Property is about 3.1 miles from campus. Deadline for reservations is **September 16, 2005**. Cancellation and early checkout policies vary; be sure to check when you make your reservation.

Howard Johnson/Best Western Johnson City Hotel & Conference Center, 2406 N. Roan St., Johnson City, TN 37601; phone: 432-282-2161, fax: 423-282-2488. Full-service hotel includes pool and hot tub, restaurant and lounge on premises, free high-speed Internet access (free wireless from lobby), exercise room, refrigerators/microwaves in guest rooms; US\$65/single or double includes complimentary hot breakfast buffet. Guest rooms are accessible by exterior entrance or interior courtyard based upon availability; please specify when making your reservation. Property is about 3.5 miles from campus. Deadline for reservations is **September 16, 2005**. Cancellation and early checkout policies vary; be sure to check when you make your reservation.

Days Inn, 2312 Browns Mill Rd., Johnson City, TN 37604; phone: 423-282-2211, fax: 423-282-6111. Modest hotel with pool, refrigerators in rooms, and complimentary continental breakfast. US\$46.99/single or double. Property is about 2.6 miles from campus. Cancellation and early checkout policies vary; be sure to check when you make your reservation.

See the webpage maintained by the local organizers at <http://www.etsu.edu/math/ams/AMS-Meeting.htm> for other hotel suggestions.

Food Service

There are several restaurants within walking distance; a list will be available at the meeting. In addition the Culp Center hosts Quiznos, Chick-Fil-A, Burger King, and an all-you-can-eat buffet for US\$6.50.

Local Information and Maps

The university's homepage is <http://www.etsu.edu/>. The Department of Mathematics is at <http://www.etsu.edu/math/math.htm>. Campus and area maps can be found at <http://www.etsu.edu/etsu/visitors.asp>.

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.

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

Free parking is available across the street from Rogers-Stout Hall.

Registration and Meeting Information

The meeting is at East Tennessee State University, Johnson City, Tennessee. Sessions and Invited Addresses will take place in Rogers-Stout Hall.

The registration desk will be in Rogers-Stout Hall and will be open Saturday, October 15, 7:30 a.m.–4:00 p.m. and Sunday, October 16, 8:00 a.m.–noon. Fees are US\$40 for AMS or CMS members; US\$60 for nonmembers; and US\$5 for students, unemployed mathematicians, and emeritus members. Fees are payable on site by cash, check, or credit card.

Travel

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- No service fees
- 1,000 SkyMile bonus points
- Skip the airport lines; check in online

Airline service is provided by Tri-Cities Regional Airport (TRI) in nearby Blountville, TN, about 20 miles from Johnson City. Taxi fare to campus is about US\$30; there is no shuttle service.

There is also Greyhound Bus Line service at the Johnson City bus station.

Car Rental

Avis is the official car rental company for the sectional meeting in Johnson City, Tennessee. All rates include unlimited free mileage. Weekend daily rates are available from noon Thursday–Monday at 11:59 P.M. Rates for this meeting are effective October 8, 2005–October 23, 2005, and begin at US\$26/day (weekend rate). Should a lower qualifying rate become available at the time of booking, Avis is pleased to offer a 5% discount off the lower qualifying rate or the meeting rate, whichever is lowest. Rates do not include any state or local surcharges, tax, optional coverages, or gas refueling charges. Renters must meet Avis's age, driver, and credit requirements. Reservations can be made by calling 800-331-1600 or online at

<http://www.avis.com>. **Meeting Avis Discount Number B159266.**

Driving Directions. See the excellent map at <http://www.etsu.edu/etsu/files/MApToETSU.pdf>.

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

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

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

- family ties in home country or country of legal permanent residence,
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- bank accounts,
- employment contract or statement from employer stating that the position will continue when the employee returns.

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

* Applicants should present their entire trip itinerary, including travel to any countries other than the United States, at the time of their visa application.

* Include a letter of invitation from the meeting organizer or the U.S. host, specifying the subject, location and dates of the activity, and how travel and local expenses will be covered.

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

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

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

Weather

During October the average high and low temperatures are 69°F and 45°F, respectively.

Lincoln, Nebraska

University of Nebraska in Lincoln

October 21–23, 2005

Friday – Sunday

Meeting #1011

Central Section

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: August 2005

Program first available on AMS website: September 8, 2005

Program issue of electronic *Notices*: October 2005

Issue of *Abstracts*: Volume 26, Issue 4

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions:
Expired

For abstracts: August 30, 2005

The scientific information listed below may be dated. For the latest information, see www.ams.org/amsmtg/section1.html.

Invited Addresses

Sir Michael Atiyah, University of Edinburgh, *The nature of space*. (AMS Einstein Public Lecture in Mathematics “in celebration of the 100th anniversary of Albert Einstein’s annus mirabilis”).

Howard A. Masur, University of Illinois at Chicago, *Billiards in polygons: Connections of geometry and complex analysis to dynamical systems*.

Alejandro Uribe, University of Michigan, *Title to be announced*.

Judy Walker, University of Nebraska, *Title to be announced*.

Jack Xin, University of Texas, *Title to be announced*.

Special Sessions

Algebraic Geometry (Code: SS 1A), **Brian Harbourne**, University of Nebraska-Lincoln, and **Bangere P. Purnaprajna**, University of Kansas.

Analysis of Partial Differential and Integral Equations (Code: SS 18A), **Congming Li**, University of Colorado.

Association Schemes and Related Topics (Code: SS 22A), **Sung Yell Song**, Iowa State University, and **Paul M. Terwilliger**, University of Wisconsin.

Calculus of Variations (Code: SS 17A), **Mikil Foss**, University of Nebraska-Lincoln, and **Giovanni Leoni**, Carnegie Mellon University.

Combinatorial Matrix Theory (Code: SS 10A), **Leslie Hogben**, Iowa State University, and **Bryan L. Shader**, University of Wyoming.

Commutative Algebra (Code: SS 14A), **Lars Winther Christensen**, **Srikanth B. Iyengar**, and **Sean M. Sather-Wagstaff**, University of Nebraska-Lincoln.

Dynamic Equations on Time Scales (Code: SS 5A), **Lynn H. Erbe** and **Allan C. Peterson**, University of Nebraska-Lincoln.

Geometric Methods in Group Theory and Semigroup Theory (Code: SS 6A), **Susan M. Hermiller** and **John C. Meakin**, University of Nebraska-Lincoln, and **Zoran Sunik**, Texas A&M University.

Geometry of Differential Equations (Code: SS 11A), **Jeanne Nielsen Clelland**, University of Colorado, **Irina A. Kogan**, North Carolina State University, and **Zhijun Qiao**, University of Texas-Pan American.

Graph Theory (Code: SS 8A), **Andrew J. Radcliffe**, University of Nebraska-Lincoln, **Zsuzsanna Szaniszló**, Valparaiso University, and **Jonathan Cutler**, University of Nebraska-Lincoln.

K-theory and Algebraic Cycles (Code: SS 16A), **Christian Haesemeyer**, University of Illinois at Urbana-Champaign, and **Gregory Grant Piepmeyer** and **Mark Edward Walker**, University of Nebraska-Lincoln.

Large Cardinals in Set Theory (Code: SS 4A), **Paul B. Larson**, Miami University, **Justin Tatch Moore**, Boise State University, and **Ernest Schimmerling**, Carnegie Mellon University.

Mathematical Ecology (Code: SS 9A), **David Logan**, University of Nebraska-Lincoln, and **William Robert Wolessensky**, College of St. Mary.

Mathematical Education of Teachers (Code: SS 15A), **W. James Lewis**, University of Nebraska-Lincoln, **Cheryl Lynn Olsen**, Shippensburg University of Pennsylvania, and **Ira J. Papick**, University of Missouri-Columbia.

Mathematical and Engineering Aspects of Coding Theory (Code: SS 3A), **Lance Perez** and **Judy Walker**, University of Nebraska-Lincoln.

Nonlinear Analysis and Control of Partial Differential Equations (Code: SS 13A), **George Avalos**, **Petronela Radu**, **Mohammad A. Rammaha**, and **Richard L. Rebarber**, University of Nebraska-Lincoln.

Randomness in Computation (Code: SS 7A), **John M. Hitchcock**, University of Wyoming, **Aduri Pavan**, Iowa State University, and **Vinodchandran Variyam**, University of Nebraska-Lincoln.

Recent Progress in Operator Algebras (Code: SS 2A), **Allan P. Donsig** and **David R. Pitts**, University of Nebraska-Lincoln.

Representation Theory of Noetherian Rings (Code: SS 12A), **Roger A. Wiegand** and **Sylvia Margaret Wiegand**, University of Nebraska-Lincoln.

Scattering and Spectral Problems in Geometry (Code: SS 21A), **Peter A. Perry**, University of Kentucky, and **Alejandro Uribe**, University of Michigan.

Undergraduate Research (Code: SS 19A), **Richard L. Rebarber** and **Gordon S. Woodward**, University of Nebraska-Lincoln.

Universal Algebra and Order (Code: SS 20A), **John William Snow**, Sam Houston State University, and **Japheth L. M. Wood**, Chatham College.

Accommodations

Participants should make their own arrangements directly with a hotel of their choice as early as possible. Special rates have been negotiated with the hotels listed below. Rates quoted do not include taxes. The AMS is not responsible for rate changes or for the quality of the accommodations. When making a reservation, participants should state that they are with the **American Mathematical Society (AMS) Sectional Meeting**. Cancellation and early checkout policies vary; be sure to check when you make your reservation.

Holiday Inn Downtown, 141 North 9th Street, Lincoln, NE 68508-1311; phone: 402-475-4011, fax: 402-475-4366; US\$71/single or double, about six blocks to the meeting site. Deadline for reservations is **September 30, 2005**. Be sure to check cancellation and early checkout policies.

Embassy Suites, 1040 P Street, Lincoln, NE; phone: 402-474-1111; US\$109/single or double, complimentary hot breakfast daily; about four blocks to the meeting site. Deadline for reservations is **September 30, 2005**. Be sure to check cancellation and early checkout policies.

Town House Mini Suites Motel, 1744 M Street, Lincoln, NE; phone: 800-279-1744; US\$44 single or US\$51 double, about 1/2 mile to the meeting site. Deadline for reservations is **September 30, 2005**. Be sure to check cancellation and early checkout policies.

Food Service

There are many restaurants in the downtown area for lunch and dinner, as well as the student union. A list of restaurants will be available at the registration desk.

Local Information

The mathematics department's webpage is located at <http://www.math.unl.edu>; the university's homepage is <http://www.unl.edu>. Other local information can be found at the Lincoln Convention and Visitor's Bureau website <http://www.lincoln.org>.

Other Activities

Book Sales: Examine the newest titles from the AMS! Many of the AMS books will be available at a special discount available only at the meeting. Complimentary coffee will be served courtesy of AMS Membership Services.

Special Presentation

The American Mathematical Society is pleased to inaugurate a series of public lectures entitled The AMS Einstein Public Lecture in Mathematics "in celebration of the 100th anniversary of Albert Einstein's *annus mirabilis*" to be given annually at one of its eight sectional meetings. The Department of Mathematics at UNL is honored that the AMS has chosen the Lincoln meeting for its first public lecture and that Abel prizewinner Sir Michael Atiyah, University of Edinburgh, will be the speaker. He will speak on "The Nature of Space", Friday, October 21, in Kimball Hall at 4:00 p.m.

Reception

The Department of Mathematics will host a reception immediately following the lecture in the Van Brunt Visitor Center.

Parking

The closest public parking to the meeting site is found at the Stadium Drive parking garage. From the Lincoln airport take I-80 to the Downtown exit (401A) going south. Turn left on P Street; turn left onto 11th Street; turn left onto Q Street; turn right onto 10th Street, staying on 10th until T Street. Entry to the parking garage will be to the left. Cost at the time of this printing is US\$0.45 per 1/2 hour for the first hour; US\$0.60 per hour thereafter; US\$5.00 maximum per day. A map of the parking facilities can be found at <http://www.downtownlincoln.org/parking/pdfs/DowntownParkingMap.pdf>.

Registration and Meeting Information

The meeting is on the city campus of the University of Nebraska-Lincoln, Nebraska. Sessions and Invited Addresses will take place in the Nebraska Union, Avery Hall, and surrounding buildings. The location of the registration desk will be announced; it will be open Friday, October 21, noon–5:00 p.m. and Saturday, October 22, 8:00 a.m.–4:30 p.m. Fees are US\$40 for AMS or CMS members; US\$60 for nonmembers; and US\$5 for students, unemployed mathematicians, and emeritus members. Fees are payable on site by cash, check, or credit card.

Travel and Campus Map

A campus map is found at <http://www.unl.edu/unlpub/tour/unlmaps/>. The University of Nebraska-Lincoln campus is four miles from the Lincoln Municipal Airport (LNK) (see <http://www.lincolnairport.com>), which is served by United and Northwest. It is also possible to fly into Omaha (OMA) (see www.eppleyairfield.com), rent a car, and drive the 60-mile distance to Lincoln.

The official airline for the meetings is Delta Airlines. Take advantage of Delta's new SimpliFares™ and enjoy the following benefits:

- No Saturday-night stay required—more flexibility
- Always affordable—realize up to 50% savings on everyday fares in the contiguous forty-eight states
- Lower change fees—reduced from \$100 to \$50 to change travel plans

• Just eight fares—less guessing and easier planning
To make immediate reservations call Delta Air Lines at 800-221-1212. Be sure to reference **US738367060** or visit <http://www.delta.com> and enter SkyBonus account number **US738367060** in your passenger information screen to be recognized as a participant of the Joint Mathematics Meetings. Your benefits include:

- No service fees
- 1,000 SkyMile bonus points
- Skip the airport lines; check in online

Ground transportation from the airport: If you are staying at the Holiday Inn or Embassy Suites, call the hotel from the airport to request a shuttle.

Car Rental

Avis is the official car rental company for the sectional meeting in Lincoln, Nebraska. All rates include unlimited free mileage. Special rates for this meeting are effective October 14, 2005–October 29, 2005, and begin at \$27/day for a subcompact car at the weekend rate (available from noon Thursday through Monday at 11:59 p.m.). Should a lower qualifying rate become available at the time of booking, Avis is pleased to offer a 5% discount off the lower qualifying rate or the Meeting rate, whichever is lowest. Rates do not include any state or local surcharges, tax, optional coverages or gas refueling charges. Renters must meet Avis' age, driver, and credit requirements. Reservations can be made by calling 800-331-1600 or online at <http://www.avis.com>. Meeting Avis Discount Number **B159266**.

Shuttle Services: Eppley Express, 800-888-9793, <http://www.eppleyexpress.com>; OMALiNK, 877-473-5465, <http://www.omalink.com>.

Driving Directions: If you are arriving in Lincoln via Interstate 80, take the Downtown Lincoln Exit (onto I-180). It is difficult to miss seeing the football stadium on the left as you enter downtown Lincoln from I-180. Stay on I-180 past the football stadium until it becomes 9th Street. Then turn left on P Street and left again on 10th Street. Proceed north on 10th Street, keeping to the right-hand lane as you pass "Q" Street, and you will see the stadium (and the parking structure) on the right.

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

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

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

- family ties in home country or country of legal permanent residence,
- property ownership,
- bank accounts,
- employment contract or statement from employer stating that the position will continue when the employee returns.

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

* Applicants should present their entire trip itinerary, including travel to any countries other than the United States, at the time of their visa application.

* Include a letter of invitation from the meeting organizer or the U.S. host, specifying the subject, location and dates of the activity, and how travel and local expenses will be covered.

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

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

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

Reminder: Machine-readable passports required by June 26, 2005. The Department of Homeland Security reminds travelers from the 27 Visa Waiver Program (VWP) countries that as of June 26, 2005, they must have a machine-readable passport to enter the United States without a visa. Beginning June 26, 2005, transportation carriers will be fined US\$3,300, per violation, for transporting any VWP traveler to the United States without a machine-readable passport. Similarly, VWP travelers arriving in the United States on that date without a machine-readable passport should not anticipate being granted one-time entry into the country. As an alternative for persons with immediate travel plans who are unable to obtain a machine-readable passport in time, the individual may apply for a U.S. visa at a U.S. consulate or embassy abroad.

Weather

Weather conditions in Lincoln during October are usually very pleasant, with lows of about 30°F and highs around 50°F.

Eugene, Oregon

University of Oregon

November 12–13, 2005

Saturday – Sunday

Meeting #1012

Western Section

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: September 2005

Program first available on AMS website: September 29, 2005

Program issue of electronic *Notices*: November 2005

Issue of *Abstracts*: Volume 26, Issue 4

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions:
July 26, 2005

For abstracts: September 20, 2005

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

Invited Addresses

Matthew Foreman, University of California Irvine, *Title to be announced.*

Mark Haiman, University of California Berkeley, *Title to be announced.*

Wilhelm Schlag, California Institute of Technology, *Title to be announced.*

Hart H. Smith, University of Washington, *Title to be announced.*

Special Sessions

Algebraic Combinatorics and Geometry (Code: SS 7A), **Sara C. Billey**, University of Washington, and **Mark Haiman**, University of California Berkeley.

Algebraic Geometry Motivated by Physics (Code: SS 9A), **Alexander Polishchuk** and **Arkady Vaintrob**, University of Oregon.

Algebraic Topology of Moduli Spaces (Code: SS 8A), **Boris I. Botvinnik**, University of Oregon, **Uwe Kaiser**, Boise State University, and **Dev Sinha**, University of Oregon.

Applications of Algebraic Topology (Code: SS 12A), **Daniel Dugger** and **Hal Sadofsky**, University of Oregon.

Harmonic Analysis and PDEs (Code: SS 13A), **Wilhelm Schlag**, California Institute of Technology, and **Hart F. Smith**, University of Washington.

K-Theory in M-Theory (Code: SS 6A), **Gregory D. Landweber**, University of Oregon, and **Charles F. Doran**, University of Washington.

New Directions in Spectral Theory and Geometric Analysis (Code: SS 11A), **Leon Friedlander**, University of Arizona, and **Patrcik McDonald**, New College of Florida.

Noncommutative Algebra and Noncommutative Birational Geometry (Code: SS 3A), **Arkady Dmitrievich Berenstein**, University of Oregon, and **Vladimir Retakh**, Rutgers University.

Partial Differential Equations with Applications (Code: SS 4A), **Alexander Panchenko**, Washington State University, **R. E. Showalter**, Oregon State University, and **Hong-Ming Yin**, Washington State University.

Regular Algebras and Noncommutative Projective Geometry (Code: SS 2A), **Brad Shelton**, University of Oregon, **Michaela Vancliff**, University of Texas at Arlington, and **James J. Zhang**, University of Washington.

Representations of Groups and Algebras (Code: SS 5A), **Jonathan W. Brundan**, **Alexander S. Kleshchev**, and **Viktor Ostrik**, University of Oregon.

Resolutions (Code: SS 1A), **Christopher Alan Francisco**, University of Missouri, and **Irena Peeva**, Cornell University.

Wavelets, Frames, and Related Expansions (Code: SS 10A), **Marcin Bownik**, University of Oregon, and **Darrin M. Speegle**, St. Louis University.

Taichung, Taiwan

Tung-Hai University

December 14–18, 2005

Wednesday – Sunday

Meeting #1013

First Joint International Meeting between the AMS and the Taiwanese Mathematical Society.

Associate secretary: John L. Bryant

Announcement issue of *Notices*: June 2005

Program first available on AMS website: Not applicable

Program issue of electronic *Notices*: Not applicable

Issue of *Abstracts*: Not applicable

Deadlines

For organizers: Expired

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

For abstracts: To be announced

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

Invited Addresses

Ching-Shui Cheng, Institute of Statistical Science, Academia Sinica, *Title to be announced.*

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

Chang-Shou Lin, National Chung Cheng University, *Title to be announced.*

Richard M. Schoen, Stanford University, *Title to be announced.*

Jing Yu, National Tsing Hua University, *Title to be announced.*

Jiu-Kang Yu, Purdue University, *Title to be announced.*

Special Sessions

Affine Algebraic Geometry, **Ming-Chang Kang**, National Taiwan University, and **Kwai-Man Fan**, National Chung Cheng University.

Algebraic Geometry, **Jung-Kai Chen**, National Taiwan University, **Chin-Lung Wang**, National Central University, and **Robert Lazarsfeld**, University of Michigan.

Differential Geometry, **Dong-Ho Tsai**, National Tsing Hua University, and **Bennett Chow**, University of California San Diego.

Discrete Mathematics (Graph Coloring), **Gerard J. Chang**, National Taiwan University, **Douglas B. West**, University of Illinois at Urbana-Champaign, and **Xuding Zhu**, National Sun Yat-sen University.

Dynamics and Differential Equations, **Song-Sun Lin**, National Chiao Tung University, and **Shui-Nee Chow**, Georgia Institute of Technology.

Lie Algebra and Representation Theory, **Shun-Jen Cheng**, National Taiwan University, and **Brian J. Parshall** and **Weiqliang Wang**, University of Virginia.

Number Theory (Arithmetic Geometry over Local and Global Fields), **Liang-Chung Hsia**, National Central University, and **William A. Cherry**, University of North Texas.

Operator Theory and Control, **Fang-Bo Yeh**, Tung-Hai University, and **Nicholas J. Young**, University of Newcastle.

Optimization and Applications, **Soon-Yi Wu**, National Cheng Kung University, and **Shu-Cherng Fang**, Industrial Engineering and Operations Research, North Carolina State University.

Partial Differential Equations and Geometric Analysis, **Chiun-Chuan Chen** and **Yng-Ing Lee**, National Taiwan University, **Sun-Yung Alice Chang**, Princeton University, and **Robert J. Sibner**, Graduate College, City University of New York.

Probability, **Tai-Ho Wang**, National Chung Cheng University, **Ching-Tang Wu**, National Kaohsiung University, and **George Yin**, Wayne State University.

Scientific Computing, **Wei-Cheng Wang**, National Tsing-Hua University, and **Thomas Y. Hou**, California Institute of Technology.

Statistical Modeling and Applications, **Ming-Yen Cheng**, National Taiwan University, and **Jianqing Fan**, Department of Operations Research and Financial Engineering, Princeton University.

San Antonio, Texas

Henry B. Gonzalez Convention Center

January 12–15, 2006

Thursday – Sunday

Meeting #1014

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), the winter meeting of the Association for Symbolic Logic (ASL), with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).

Associate secretary: Matthew Miller

Announcement issue of *Notices*: October 2005

Program first available on AMS website: November 1, 2005

Program issue of electronic *Notices*: January 2006

Issue of *Abstracts*: Volume 27, Issue 1

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions:

August 3, 2005

For abstracts: September 28, 2005

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

Joint Invited Address

Svetlana Y. Jitomirskaya, University of California Irvine, *Title to be announced* (AMS-MAA Invited Address).

AMS Invited Addresses

Herbert Edelsbrunner, Duke University, *Title to be announced*.

David Eisenbud, Mathematical Sciences Research Institute, *Title to be announced* (AMS Retiring Presidential Address).

Charles L. Fefferman, Princeton University, *Title to be announced*.

Mikhail Kapranov, Yale University, *Title to be announced*.

Hendrik W. Lenstra Jr., Universiteit Leiden, *Title to be announced* (AMS Colloquium Lectures).

Dusa McDuff, SUNY at Stony Brook, *Title to be announced*.

Michael Savageau, University of California Davis, *Title to be announced* (Josiah Willard Gibbs Lecture).

AMS Special Sessions

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

Algebraic Groups, Symmetric Spaces, and Invariant Theory (Code: SS 15A), **Aloysius G. Helminck**, North Carolina State University, and **Dan Gagliardi**, St. Lawrence University (AMS).

Algebraic Statistics: Theory and Practice (Code: SS 4A), **Seth M. Sullivant**, University of California Berkeley, and **Elizabeth S. Allman**, University of Southern Maine (AMS).

Algebraic and Enumerative Combinatorics (Code: SS 12A), **Catherine H. Yan**, Texas A&M University, **Marcelo Aguiar**, Texas A&M University, **Joseph P. Kung**, University of North Texas, and **Laura F. Matusevich**, University of Pennsylvania (AMS).

Analysis and Implementation of Finite Element Methods (Code: SS 19A), **Atife Caglar**, University of Wisconsin, Green Bay (AMS-SIAM).

Ancient and Nonwestern Mathematics (Code: SS 14A), **Duncan J. Melville**, St. Lawrence University (AMS-MAA).

Arithmetic Geometry and Modular Forms (Code: SS 16A), **Matthew A. Papanikolas**, Texas A&M University and **Ahmad M. El-Guindy**, Texas A&M University (AMS).

Boundary Value Problems for Ordinary Differential Equations (Code: SS 22A), **John R. Graef**, University of Tennessee at Chattanooga, and **Johnny L. Henderson**, Baylor University (AMS-SIAM).

Commutative Rings and Monoids (Code: SS 25A), **Scott T. Chapman**, Trinity University, and **James B. Coykendall**, North Dakota State University (AMS).

Contemporary Dynamical Systems (Code: SS 21A), **Dmitry Zenkov**, University of Michigan, **Youngna Choi**, Montclair

State University, **Anthony M. Bloch**, University of Michigan, **Todd L. Fisher**, University of Maryland, **Melvin Leok**, University of Michigan, **David S. Richeson**, Dickenson College, and **James S. Wiseman**, Swarthmore College (AMS-SIAM).

Continued Fractions (Code: SS 6A), **Nancy Wyshinsky**, Trinity College, and **James G. McLaughlin**, Trinity College (AMS).

Current Events (Code: SS 10A), **David Eisenbud**, Mathematical Sciences Research Institute (AMS).

Division Algebras, Galois Theory, Cohomology and Geometry (Code: SS 1A), **Kelly L. McKinnie**, University of Texas at Austin, and **David J. Saltman**, University of Texas at Austin (AMS).

Dynamic Equations With Applications (Code: SS 23A), **Allan C. Peterson**, University of Nebraska, and **Martin J. Bohner**, University of Missouri Rolla (AMS).

Extension of Functions (Code: SS 5A), **Alvario Arias**, University of Denver, **Charles L. Fefferman**, Princeton University, **Edward W. Odell**, University of Texas Austin, and **Thomas Slumprecht**, Texas A&M University (AMS).

Field Extensions and Algorithms (Code: SS 33A), **Peter Stevenhagen**, University of Leiden, and **H. W. Lenstra**, University of Leiden (AMS).

Frames and Operator Theory in Analysis and Signal Processing (Code: SS 20A), **Peter R. Massopust**, Tuboscope Vetco Pipeline Services, **David R. Larson**, Texas A&M University, **Manos I. Papadakis**, University of Houston, **Zuhair Nashed**, University of Central Florida, **Ahmed I. Zayed**, DePaul University, and **Minh Chuong Nguyen**, Institute of Mathematics, Hanoi Vietnam (AMS-SIAM).

History of Mathematics (Code: SS 26A), **Joseph W. Dauben**, Herbert H. Lehman College (CUNY), **Patti Hunter**, Westmont College, and **Karen H. Parshall**, University of Virginia (AMS-MAA).

Interdisciplinary Research Involving Analysis and Logic (Code: SS 35A), **Su Gao**, University of North Texas, **Jose N. Iovino**, University of Texas San Antonio, and **Itay Ben-Yacov**, University of Wisconsin Madison (AMS-ASL).

Invariant Theory (Code: SS 31A), **Mara D. Neusel**, Texas Tech University (AMS).

Mahler Measure and Heights (Code: SS 13A), **Michael J. Mossinghoff**, Davidson College, and **Jeffrey D. Vaaler**, University of Texas at Austin (AMS).

Many Lives of Lattice Theory, the Theory of Ordered Sets, and Universal Algebra (Code: SS 9A), **Japheth L. M. Wood**, Chatham College, **John W. Snow**, Sam Houston State University, **Jonathon D. Farley**, Harvard University, **Stefan E. Schmidt**, Phoenix Math Systems Modeling, Inc., and **Anthony A. Harkin**, Harvard University (AMS).

Mathematics Education Reform (Code: SS 8A), **Bonnie S. Saunders**, University of Illinois at Chicago, **William H. Barker**, Bowdoin College, **Dale R. Oliver**, Humboldt State University, and **Kenneth Millet**, University of California Santa Barbara (AMS-MAA-MER).

New Developments in Symplectic Topology (Code: SS 34A), **Dusa McDuff**, SUNY at Stony Brook, **Aleksey Zinger**, SUNY at Stony Brook and Stanford University, **Ely Kerman**, University of Illinois Urbana-Champaign, and **Margaret F. Symington**, Georgia Institute of Technology and Mercy College (AMS).

Nonautonomous Discrete Dynamics (Code: SS 36A), **Saber N. Elaydi**, Trinity University, and **Jim M. Cushing**, University of Arizona (AMS).

Nonlinear Dynamical Systems (Code: SS 11A), **Zhijun Qiao**, University of Texas Pan American, **Andras Balogh**, University of Texas Pan American, **Guihua Fei**, University of Minnesota Duluth, and **Zhaosheng Feng**, University of Texas Pan American (AMS-SIAM).

Quantum Invariants of Knots and 3-Manifolds (Code: SS 18A), **Patrick M. Gilmer**, Louisiana State University, and **Charles D. Frohman**, University of Iowa (AMS).

Recent Advances in Mathematical Biology and Epidemiology (Code: SS 29A), **Sophia Jang**, University of Louisiana at Lafayette, **Linda Allen**, Texas Tech University, and **Lih-Ing Roeger**, Texas Tech University (AMS-MAA-SIAM).

Recent Trends in Convex and Discrete Geometry (Code: SS 17A), **Valeriu Soltan**, George Mason University, **Tibor Bisztriczky**, University of Calgary, and **Paul Goodey**, University of Oklahoma (AMS).

Research in Mathematics by Undergraduates (Code: SS 28A), **Darren Narayan**, Rochester Institute of Technology, **Carl V. Lutzer**, Rochester Institute of Technology, **Michael J. Fisher**, California State University Fresno, **Bernard Brooks**, Rochester Institute of Technology, and **Tamas I. Wiandt**, Rochester Institute of Technology (AMS-MAA-SIAM).

Stochastic, Large Scale and Hybrid Systems with Applications (Code: SS 7A), **Aghalaya S. Vatsala**, University of Louisiana at Lafayette, and **Gangaram S. Ladde**, University of Texas Arlington (AMS-SIAM).

Symbolic-numeric Computation and Applications (Code: SS 30A), **Agnes Szanto**, North Carolina State University, **Jan Verschelde**, University of Illinois Chicago, and **Zhonggang Zeng**, Northeastern Illinois University (AMS-SIAM).

Szygies in Commutative Algebra and Geometry (Code: SS 32A), **Irena Peeva**, Cornell University, **Sorin E. Popescu**, SUNY at Stony Brook, and **Gregory G. Smith**, Queen's University (AMS).

Theory and Application of Stochastic Differential Equations (Code: SS 24A), **Armando Arciniega**, University of Texas at San Antonio, and **Edward J. Allen**, Texas Tech University (AMS-SIAM).

Time Reversal Methods: Analysis and Applications (Code: SS 3A), **Peter A. McCoy**, U.S. Naval Academy, and **Reza Malek-Madani**, U.S. Naval Academy (AMS-SIAM).

Topological Spaces Associated with $C(X)$ (Code: SS 27A), **Chawne M. Kimber**, Lafayette College, and **Warren Wm. McGovern**, Bowling Green State University (AMS).

Value Distribution in Classical and p -adic Functions Theory (Code: SS 2A), **Alain Escassut**, University Blaise Pascal,

Chung-Chun Yang, Hong Kong University of Science and Technology, and **Ilpo Laine**, University of Joensuu (AMS).

Miami, Florida

Florida International University

April 1–2, 2006

Saturday – Sunday

Meeting #1015

Southeastern Section

Associate secretary: Matthew Miller

Announcement issue of *Notices*: December 2005

Program first available on AMS website: February 16, 2006

Program issue of electronic *Notices*: April 2006

Issue of *Abstracts*: Volume 27, Issue 2

Deadlines

For organizers: September 1, 2005

For consideration of contributed papers in Special Sessions:

December 13, 2005

For abstracts: February 7, 2006

Notre Dame, Indiana

University of Notre Dame

April 8–9, 2006

Saturday – Sunday

Meeting #1016

Central Section

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: December 2005

Program first available on AMS website: February 23, 2006

Program issue of electronic *Notices*: April 2006

Issue of *Abstracts*: Volume 27, Issue 2

Deadlines

For organizers: September 9, 2005

For consideration of contributed papers in Special Sessions:

December 20, 2005

For abstracts: February 14, 2006

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

Invited Addresses

Douglas N. Arnold, Institute for Mathematics and Applications, University of Minnesota, *Title to be announced.*

Bela Bollobas, Cambridge University and University of Memphis, *Inhomogeneous random graphs* (Erdős Memorial Lecture).

Steven C. Hofmann, University of Missouri, *Title to be announced.*

Michael Larsen, University of Indiana, *Title to be announced.*

Christopher M. Skinner, University of Michigan, *Title to be announced.*

Special Sessions

Combinatorial Algebraic Geometry (Code: SS 2A), **Juan C. Migliore**, University of Notre Dame, and **Uwe R. Nagel**, University of Kentucky.

Commutative Algebra (Code: SS 1A), **Alberto Corso**, University of Kentucky, **Claudia Polini**, University of Notre Dame, and **Bernd Ulrich**, Purdue University.

Developments and Applications in Differential Geometry (Code: SS 4A), **Jianguo Cao**, **Xiaobo Liu**, and **Brian Smyth**, University of Notre Dame.

Ergodic Theory (Code: SS 3A), **Nikos Frantzikinakis**, Pennsylvania State University, **Bryna R. Kra**, Northwestern University, and **Mate Wierdl**, University of Memphis.

Durham, New Hampshire

University of New Hampshire

April 22–23, 2006

Saturday – Sunday

Meeting #1017

Eastern Section

Associate secretary: Lesley M. Sibner

Announcement issue of *Notices*: January 2006

Program first available on AMS website: March 9, 2006

Program issue of electronic *Notices*: April 2006

Issue of *Abstracts*: Volume 27, Issue 2

Deadlines

For organizers: September 22, 2005

For consideration of contributed papers in Special Sessions:

January 3, 2006

For abstracts: February 28, 2006

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

Invited Addresses

Ailana M. Fraser, University of British Columbia, *Title to be announced.*

Dmitri Nikshych, University of New Hampshire, *Title to be announced.*

Florian Pop, University of Pennsylvania, *Title to be announced.*

Konstantina Trivisa, University of Maryland, College Park, *Title to be announced.*

Special Sessions

Banach Lattices, Regular Operators, and Applications (Code: SS 3A), **A. K. Kitover**, Community College of Philadelphia, **M. Orhon**, University of New Hampshire, and **A. W. Wickstead**, Queen's University of Belfast.

Banach Spaces of Analytic Functions (Code: SS 2A), **Rita A. Hibscheiler**, University of New Hampshire, and **Thomas H. MacGregor**, SUNY Albany and Bowdoin College.

Discrete and Convex Geometry (Code: SS 1A), **Daniel A. Klain**, University of Massachusetts (Lowell), **Barry R. Monson**, University of New Brunswick, and **Egon Schulte**, Northeastern University.

San Francisco, California

San Francisco State University

April 29–30, 2006

Saturday – Sunday

Meeting #1018

Western Section

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: January 2006

Program first available on AMS website: March 16, 2006

Program issue of electronic *Notices*: April 2006

Issue of *Abstracts*: Volume 27, Issue 2

Deadlines

For organizers: September 30, 2005

For consideration of contributed papers in Special Sessions:
January 10, 2006

For abstracts: March 7, 2006

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

Invited Addresses

Lincoln Chayes, University of California Los Angeles, *Title to be announced.*

C. Robin Graham, University of Washington, *Title to be announced.*

Vadim Kaloshin, California Institute of Technology, *Title to be announced.*

Benoit B. Mandelbrot, Yale University, *From pure mathematics to roughness in art.* (Einstein Public Lecture in Mathematics).

Yuval Peres, University of California Berkeley, *Title to be announced.*

Special Sessions

Grobner Basis (Code: SS 2A), **Bernd Sturmfels** and **Alexander Yong**, University of California Berkeley.

History and Philosophy of Mathematics (Code: SS 1A), **Shawnee L. McMurrin**, California State University, San Bernardino, and **James J. Tattersall**, Providence College.

Salt Lake City, Utah

University of Utah

October 7–8, 2006

Saturday – Sunday

Meeting #1019

Western Section

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: July 2006

Program first available on AMS website: August 24, 2006

Program issue of electronic *Notices*: October 2006

Issue of *Abstracts*: Volume 27, Issue 3

Deadlines

For organizers: March 7, 2006

For consideration of contributed papers in Special Sessions:
June 20, 2006

For abstracts: August 15, 2006

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

Invited Addresses

William Arveson, University of California Berkeley, *Title to be announced.*

Alexei Borodin, California Institute of Technology, *Title to be announced.*

Izabella Joanna Laba, University of British Columbia, *Title to be announced.*

Darren Long, University of California Santa Barbara, *Title to be announced.*

Special Sessions

Harmonic Analysis: Trends and Perspectives (Code: SS 1A), **Alex Iosevich**, University of Missouri, and **Michael T. Lacey**, Georgia Institute of Technology.

Cincinnati, Ohio

University of Cincinnati

October 21–22, 2006

Saturday – Sunday

Meeting #1020

Central Section

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: July 2006

Program first available on AMS website: September 7, 2006

Program issue of electronic *Notices*: October 2006
Issue of *Abstracts*: Volume 27, Issue 3

Deadlines

For organizers: March 21, 2006
For consideration of contributed papers in Special Sessions:
July 5, 2006
For abstracts: August 29, 2006

The scientific information listed below may be dated. For the latest information, see www.ams.org/amsmtg/section1.html.

Invited Addresses

Suncica Canic, University of Houston, *Title to be announced.*

Bryna R. Kra, Northwestern University, *Title to be announced.*

Ezra N. Miller, University of Minnesota, *Title to be announced.*

Jon G. Wolfson, Michigan State University, *Title to be announced.*

Storrs, Connecticut

University of Connecticut

October 28–29, 2006

Saturday – Sunday

Meeting #1021

Eastern Section
Associate secretary: Lesley M. Sibner
Announcement issue of *Notices*: July 2006
Program first available on AMS website: September 14, 2006
Program issue of electronic *Notices*: October 2006
Issue of *Abstracts*: Volume 27, Issue 4

Deadlines

For organizers: March 28, 2006
For consideration of contributed papers in Special Sessions:
July 11, 2006
For abstracts: September 6, 2006

Fayetteville, Arkansas

University of Arkansas

November 3–4, 2006

Friday – Saturday

Meeting #1022

Southeastern Section
Associate secretary: Matthew Miller
Announcement issue of *Notices*: September 2006
Program first available on AMS website: September 21, 2006
Program issue of electronic *Notices*: November 2006
Issue of *Abstracts*: Volume 27, Issue 4

Deadlines

For organizers: April 3, 2006
For consideration of contributed papers in Special Sessions:
July 18, 2006
For abstracts: September 12, 2006

New Orleans, Louisiana

*New Orleans Marriott
and Sheraton New Orleans Hotel*

January 4–7, 2007

Thursday – Sunday

Meeting #1023

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), with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).
Associate secretary: Susan J. Friedlander
Announcement issue of *Notices*: October 2006
Program first available on AMS website: November 1, 2006
Program issue of electronic *Notices*: January 2007
Issue of *Abstracts*: Volume 28, Issue 1

Deadlines

For organizers: April 1, 2006
For consideration of contributed papers in Special Sessions:
To be announced
For abstracts: To be announced

Davidson, North Carolina

Davidson College

March 3–4, 2007

Saturday – Sunday

Southeastern Section

Associate secretary: Matthew Miller

Announcement issue of *Notices*: To be announced

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: To be announced

Deadlines

For organizers: August 3, 2006

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

For abstracts: To be announced

Oxford, Ohio

Miami University

March 16–17, 2007

Friday – Saturday

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: To be announced

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

For abstracts: To be announced

Tucson, Arizona

University of Arizona

April 21–22, 2007

Saturday – Sunday

Southeastern 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: September 21, 2006

For consideration of contributed papers in Special Sessions:

To be announced

For abstracts: 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 1, 2007

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

For abstracts: To be announced

Bloomington, Indiana

Indiana University

April 4–6, 2008

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: September 4, 2007

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

For abstracts: 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 1, 2008

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

For abstracts: To be announced

San Francisco, California

*Moscone Center West
and the San Francisco Marriott*

January 6–9, 2010

Wednesday – Saturday

Joint Mathematics Meetings, including the 116th Annual Meeting of the AMS, 93rd 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: Matthew Miller

Announcement issue of *Notices*: October 2009

Program first available on AMS website: November 1, 2009

Program issue of electronic *Notices*: January 2010

Issue of *Abstracts*: Volume 31, Issue 1

Deadlines

For organizers: April 1, 2009

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

For abstracts: To be announced

New Orleans, Louisiana

New Orleans Marriott and Sheraton New Orleans Hotel

January 5–8, 2011

Wednesday – Saturday

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

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: October 2010

Program first available on AMS website: November 1, 2010

Program issue of electronic *Notices*: January 2011

Issue of *Abstracts*: Volume 32, Issue 1

Deadlines

For organizers: April 2, 2011

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

For abstracts: To be announced