
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.

Bowling Green, Kentucky

Western Kentucky University

March 18–19, 2005

Friday – Saturday

Meeting #1004

Southeastern Section

Associate secretary: Matthew Miller

Announcement issue of *Notices*: January 2005

Program first available on AMS website: February 3, 2005

Program issue of electronic *Notices*: March 2005

Issue of *Abstracts*: Volume 26, Issue 2

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions:

Expired

For abstracts: Expired

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

Invited Addresses

Bennett Chow, University of California San Diego, *Title to be announced*.

Robert J. McCann, University of Toronto, *Optimal convergence rates for the fastest conservative nonlinear diffusions*.

M. Susan Montgomery, University of Southern California, *Some applications of group theory to classifying Hopf algebras*.

James J. Zhang, University of Washington, *Searching for quantum projective spaces*.

Special Sessions

Advances in the Study of Wavelets and Multiwavelets, **Douglas P. Hardin**, Vanderbilt University, and **Bruce Kessler**, Western Kentucky University.

Commutative Ring Theory, **Michael C. Axtell**, Wabash College, and **Joe Alyn Stickles Jr.**, University of Evansville.

Dynamic Equations on Time Scales and Applications, **Ferhan M. Atici** and **Daniel C. Biles**, Western Kentucky University, and **Billur Kaymakçalan**, Georgia Southern University.

Geometric Topology and Group Theory, **Jens E. Harlander**, Western Kentucky University.

Graph Theory, **Mustafa Atici**, Western Kentucky University.

Hopf Algebras and Related Topics, **David E. Radford**, University of Illinois at Chicago, and **Bettina Richmond**, Western Kentucky University.

Knot Theory and Its Applications, **Yuanan Diao**, University of North Carolina, Charlotte, and **Claus Ernst**, Western Kentucky University.

L-Functions, **Heather Russell**, **Nilabh Sanat**, and **Dominic Lanphier**, Western Kentucky University.

Nonlinear Analysis and Applied Mathematics, **Robert J. McCann**, University of Toronto, and **Daniel P. Spirn**, University of Minnesota.

Numerical Analysis, Approximation, and Computational Complexity: Interdisciplinary Aspects, **David Benko**, Western Kentucky University, and **Steven B. Damelin**, Georgia Southern University.

Partial Differential Equations and Their Applications, **Zhongwei Shen** and **Changyou Wang**, University of Kentucky.

Recent Advances in Noncommutative Algebra, **Ellen E. Kirkman**, Wake Forest University.

Representation Theory, **Markus Hunziker**, University of Georgia.

Semigroups of Operators and Applications, **Khristo Boyadzhiev**, Ohio Northern University, **Lan Nguyen**, Western Kentucky University, and **Quoc-Phong Vu**, Ohio University.

Topology, Convergence, and Order, in Honor of Darrell Kent, **Gary Richardson**, University of Central Florida, and **Thomas A. Richmond**, Western Kentucky University.

Newark, Delaware

University of Delaware

April 2–3, 2005

Saturday – Sunday

Meeting #1005

Eastern Section

Associate secretary: Lesley M. Sibner

Announcement issue of *Notices*: February 2005

Program first available on AMS website: February 17, 2005

Program issue of electronic *Notices*: April 2005

Issue of *Abstracts*: Volume 26, Issue 2

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions:
Expired

For abstracts: Expired

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

Invited Addresses

Xiuxiong Chen, University of Wisconsin, Madison, *Title to be announced.*

Anna C. Gilbert, AT&T Labs-Research, *Analysis, approximations, and algorithms.*

Alexander Lubotzky, Hebrew University of Jerusalem, *Counting primes, groups, and manifolds.*

Lorenz Schwachhoefer, University of Dortmund, *Special symplectic connections.*

Special Sessions

Arithmetic Groups and Related Topics, **Alexander Lubotzky**, Hebrew University of Jerusalem, and **Andrei Rapinchuk**, University of Virginia.

Asymptotic Behavior of Evolution Equations, **Gaston M. N'Guerekata**, Morgan State University, and **Nguyen Van Minh**, James Madison University.

Designs, Codes, and Geometries, **James A. Davis**, University of Richmond, **Keith E. Mellinger**, University of Mary Washington, and **Qing Xiang**, University of Delaware.

Frontiers on Complex Fluid Flows: Analytic and Computational Methods, **L. Pamela Cook** and **Louis F. Rossi**, University of Delaware.

Geometric Analysis, **Xiuxiong Chen**, University of Wisconsin, Madison, **Pengfei Guan**, McMaster University, **Zhiqin Lu**, University of California Irvine, and **Jeff A. Viaclovsky**, Massachusetts Institute of Technology.

High Dimensional Probability, **Wenbo Li**, University of Delaware, and **Joel Zinn**, Texas A&M University.

Homotopy Theory (in Honor of Donald M. Davis's and Martin Bendersky's 60th Birthdays), **Kenneth G. Monks**, University of Scranton, and **W. Stephen Wilson**, Johns Hopkins University.

Integral and Operator Equations, **Charles W. Groetsch**, University of Cincinnati, and **M. Zuhair Nashed**, University of Central Florida.

Mathematical Biology, **David A. Edwards**, University of Delaware.

Mathematical Methods for Efficient Simulation of Stochastic Nonlinear Optical Systems, **Richard O. Moore**, New Jersey Institute of Technology, and **Tobin A. Driscoll**, University of Delaware.

Mathematical Methods in Electromagnetic Wave Propagation, **Fioralba Cakoni** and **Peter B. Monk**, University of Delaware.

Probabilistic Paradigms in Combinatorics, **Joshua N. Cooper**, Courant Institute of Mathematics, NYU, and **Jozef Skokan**, Universidade de Sao Paulo.

Recent Progress in Thin Fluid Flows, **Richard J. Braun**, University of Delaware.

Singular Analysis and Spectral Theory of Partial Differential Equations, **Juan B. Gil**, Pennsylvania State University, Altoona, and **Gerardo A. Mendoza**, Temple University.

Spectral and High-Order Discretization Methods for Partial Differential Equations, **Tobin A. Driscoll**, University of Delaware.

Symmetry Methods for Partial Differential Equations, **Philip Broadbridge**, University of Delaware, and **Danny Arrigo**, University of Central Arkansas.

Lubbock, Texas

Texas Tech University

April 8–10, 2005

Friday – Sunday

Meeting #1006

Central Section

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: February 2005

Program first available on AMS website: February 24, 2005

Program issue of electronic *Notices*: April 2005

Issue of *Abstracts*: Volume 26, Issue 3

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions:
Expired

For abstracts: February 15, 2005

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

Invited Addresses

Nikolai Ivanov, Michigan State University, *Title to be announced.*

Mattias Jonsson, University of Michigan, *Title to be announced.*

Nicolas Monod, University of Chicago, *Title to be announced.*

Hee Oh, California Institute of Technology, *Title to be announced.*

Special Sessions

Classical and Differential Galois Theory (Code: SS 3A), **Lourdes Juan** and **Arne Ledet**, Texas Tech University, and **Andy R. Magid**, University of Oklahoma.

Differential Geometry and Its Applications (Code: SS 2A), **Josef F. Dorfmeister**, Munich University of Technology, **Magdalena D. Toda**, Texas Tech University, and **Hongyou Wu**, Northern Illinois University.

Discrete Groups, Homogeneous Spaces, Rigidity (Code: SS 15A), **Alex Gorodnik**, University of Michigan, Ann Arbor, **Hee Oh**, California Institute of Technology, and **Nicolas Monod**, University of Chicago.

Extinction, Periodicity, and Chaos in Population and Epidemic Models (Code: SS 10A), **Linda J. S. Allen**, Texas Tech University, **Sophia Ruey-Jen Jang**, University of Louisiana at Lafayette, and **Lih-Ing W. Roeger**, Texas Tech University.

Future Directions in Mathematical Systems and Control Theory (Code: SS 11A), **David Gilliam** and **W. P. Dayawansa**, Texas Tech University.

Graph Theory (Code: SS 12A), **John C. George**, Eastern New Mexico University, and **Walter D. Wallis**, Southern Illinois University at Carbondale.

Homological Algebra and Its Applications (Code: SS 4A), **Alex Martsinkovsky**, Northeastern University, and **Mara D. Neusel**, Texas Tech University.

Invariants of Links and 3-Manifolds (Code: SS 8A), **Mieczyslaw Krzysztof Dabkowski**, University of Texas at Dallas, **Razvan Gelca**, Texas Tech University, and **Jozef Henryk Przytycki**, George Washington University.

Partial Differential Equation and Its Application in Biomedical Study (Code: SS 16A), **Jay R. Walton**, Texas A&M University, and **Padmanabhan Seshaiyer** and **Akif Ibragimov**, Texas Tech University.

Real Algebraic Geometry (Code: SS 6A), **Anatoly Korcha-gin** and **David Weinberg**, Texas Tech University.

Recent Advances in Complex Function Theory (Code: SS 5A), **Brock Williams**, **Roger W. Barnard**, and **Kent Pearce**, Texas Tech University.

Statistical Image Processing and Analysis and Applications (Code: SS 13A), **Victor Patrangenaru**, Texas Tech University.

Theory and Application of Stochastic Differential Equations (Code: SS 9A), **Edward J. Allen**, Texas Tech University, and **Armando Arciniega**, University of Texas at San Antonio.

Topology of Continua (Code: SS 1A), **Wayne Lewis**, Texas Tech University.

Topology of Dynamical Systems (Code: SS 7A), **Brian Raines**, Baylor University.

Undergraduate and Graduate Student Research (and related poster session organized by Ali Khoujmane and Mara D. Neusel, Texas Tech) (Code: SS 14A), **Ali Khoujmane**, **Edward W. Swim**, **Edward J. Allen**, and **Padmanabhan Seshaiyer**, Texas Tech University.

Santa Barbara, California

University of California Santa Barbara

April 16–17, 2005

Saturday – Sunday

Meeting #1007

Western Section

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: February 2005

Program first available on AMS website: March 3, 2005

Program issue of electronic *Notices*: April 2005

Issue of *Abstracts*: Volume 26, Issue 3

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions:
Expired

For abstracts: February 22, 2005

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

Invited Addresses

Mei-Chu Chang, University of California Riverside, *Set addition and set multiplication*.

Mischa Kapovich, University of California Davis, *Title to be announced*.

Mihai Putinar, University of California at Santa Barbara, *Positive polynomials, a Hilbertian perspective*.

James Sethian, University of California Berkeley, *Advances in advancing interfaces: New techniques for propagating fronts in wave propagation and materials sciences*.

Special Sessions

Algebraic Geometry and Combinatorics (Code: SS 14A), **Alexander Yong** and **Allen Knutson**, University of California Berkeley.

Arithmetic Geometry (Code: SS 13A), **Adebisi Agboola**, University of California Santa Barbara, and **Cristian Dumitru Popescu**, University of California San Diego.

Automorphisms of Surfaces (Code: SS 4A), **Anthony Weaver**, Bronx Community College of the City University of New York, and **Peter Turbek**, Purdue University Calumet.

Complexity of Computation and Algorithms (Code: SS 10A), **Mark Burgin**, University of California Los Angeles.

Curvature in Group Theory and Combinatorics (Code: SS 11A), **Laura M. Anderson**, State University of New York at Binghamton, **Noel Patrick Brady**, University of Oklahoma, **Robin Forman**, Rice University, and **Jonathan P. McCammond**, University of California Santa Barbara.

Dynamical Systems in Neuroscience (Code: SS 1A), **Eugene M. Izhikevich**, The Neurosciences Institute.

Function Theory (Code: SS 12A), **Mihai Putinar** and **Stephan R. Garcia**, University of California Santa Barbara.

Geometric Methods in Three Dimensions (Code: SS 6A), **Daryl Cooper**, **David Darren Long**, and **Martin G. Scharlemann**, University of California Santa Barbara.

Geometry and Physics (Code: SS 8A), **Xianzhe Dai**, University of California Santa Barbara, and **Zhiqin Lu**, University of California Irvine.

History of Mathematics (Code: SS 2A), **Shawnee L. McMurrin**, California State University, San Bernardino, and **James J. Tattersall**, Providence College.

Noncommutative Geometry and Algebra (Code: SS 5A), **Kenneth R. Goodearl**, University of California Santa Barbara, **J. T. Stafford**, University of Michigan, and **J. J. Zhang**, University of Washington.

Recent Advances in Combinatorial Number Theory (Code: SS 3A), **Mei-Chu Chang**, University of California Riverside, and **Van Ha Vu**, University of California San Diego.

Representation Theory of Algebras (in Honor of Claus Michael Ringel) (Code: SS 7A), **Alex Martsinkovskiy**, Northeastern University, **Dan Zacharia**, Syracuse University, **Birge K. Huisgen-Zimmermann**, University of California Santa Barbara, and **Edward L. Green**, Virginia Polytech Institute & State University.

Ricci Flow/Riemannian Geometry (Code: SS 9A), **Guofang Wei** and **Rugang Ye**, University of California Santa Barbara.

Mainz, Germany

June 16–19, 2005

Thursday – Sunday

Meeting #1008

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

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: February 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:
March 15, 2005

For abstracts: March 31, 2005

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

Watch the website maintained by the local organizers at <http://www.mathematik.uni-mainz.de/mainz2005/> for additional program details and links to sites for hotels, tours, and other local information.

Invited Addresses

Helene Esnault, University of Essen, *Deligne's integrality theorem in unequal characteristic and rational points over finite fields*.

Richard Hamilton, Columbia University, *The Ricci flow*.

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

Christian Krattenthaler, University of Lyon-I, *Exact and asymptotic enumeration of vicious walkers with a wall interaction*.

Frank Natterer, University of Muenster, *Imaging and inverse problems for partial differential equations*

Horng-Tzer Yau, New York University and Stanford University, *Dynamics of Bose-Einstein condensate*.

Special Sessions

Affine Algebraic Geometry, **Shreeram Abhyankar**, Purdue University, **Hubert Flenner**, Fakultät für Mathematik, and **Makar Limanov**, Wayne State University.

Algebraic Combinatorics, **Patricia Hersh**, University of Michigan, **Christian Krattenthaler**, University of Lyon-I, and **Volkmar Welker**, Philipps University Marburg.

Algebraic Cryptography, **Dorian Goldfeld**, Columbia University, **Martin Kreuzer** and **Gerhard Rosenberger**, Universität Dortmund, and **Vladimir Shpilrain**, City College of New York.

Algebraic Cycles, **Eric Friedlander** and **Marc Levine**, Northwestern University, and **Fabien Morel**, Université Paris.

Algebraic Geometry, **Yuri Tschinkel**, Georg-August-Universität Göttingen, and **Brendan E. Hassett**, Rice University.

Dirac Operators, Clifford Analysis and Applications, **Klaus Gürlebeck**, University of Weimar, **Mircea Martin**, Baker University, **John Ryan**, University of Arkansas, and **Michael Shapiro**, IPN Mexico.

Discrete Geometry, **Jacob Eli Goodman**, The City College of New York (CUNY), **Emo Welzl**, Eidgen Technische Hochschule, and **Gunter M. Ziegler**, Technical University of Berlin.

Function Spaces and Their Operators, **Ernst Albrecht**, Universität des Saarlandes, **Raymond Mortini**, Université de Metz, and **William Ross**, University of Richmond.

Functional Analytic and Complex Analytic Methods in Linear Partial Differential Equations, **R. Meise**, University of Dusseldorf, **B. A. Taylor**, University of Michigan, and **Dietmar Vogt**, University of Wuppertal.

Geometric Analysis, **Victor Nistor**, Pennsylvania State University, and **Elamr Schrohe**, Universität Hannover.

Geometric Topology and Group Theory, **Cameron McA Gordon**, The University of Texas at Austin, **Cynthia Hog-Angeloni**, Johann Wolfgang Goethe-Universität, and **Wolfgang Metzler**, University of Frankfurt.

Group Theory, **Luise-Charlotte Kappe**, SUNY at Binghamton, **Robert Fitzgerald Morse**, University of Evansville, and **Gerhard Rosenberger**, University of Dortmund.

Hilbert Functions and Syzygies, **Uwe Nagel**, University of Kentucky, **Irena Peeva**, Cornell University, and **Tim Römer**, Universität Osnabrück.

History of Mathematics: Mathematics and War, **Thomas W. Archibald**, Acadia University, **John H. McCleary**, Vassar College, **Moritz Epple**, University of Stuttgart, and **Norbert Schappacher**, Technische Universität Darmstadt.

Homotopy Theory, **Paul G. Goerss**, Northwestern University, **Hans-Werner Henn**, Institut de Recherche Mathématique Avancée, Strasbourg, and **Stefan Schwede**, Universität Bonn.

Hopf Algebras and Quantum Groups, **Susan Montgomery**, University of Southern California, and **Hans-Jurgen Schneider**, University of Munich.

Mathematics Education, **Gunter Torner**, Universität Duisburg-Essen, and **Alan Schoenfeld**, School of Education, Berkeley.

Modules and Comodules, **Sergio López-Permouth**, Ohio University, and **Robert Wisbauer**, University of Düsseldorf.

Multiplicative Arithmetic of Integral Domains and Monoids, **Scott Chapman**, Trinity University, San Antonio, **Franz Halter-Koch**, University of Graz, and **Ulrich Krause**, Universität Bremen.

Nonlinear Elliptic Boundary Value Problems, **Thomas Bartsch**, Universität Giessen, and **Zhi-Qiang Wang**, Utah State University.

Nonlinear Waves, **Herbert Koch**, University of Dortmund, and **Daniel I. Tataru**, University of California Berkeley.

Ordinary Differential, Difference, and Dynamic Equations, **Werner Balsler**, Universität Ulm, **Martin Bohner**, University of Missouri-Rolla, and **Donald Lutz**, San Diego State University.

Quantum Knot Invariants, **Anna Beliakova**, Universität Zürich, and **Uwe Kaiser**, Boise State University.

Representations and Cohomology of Groups and Algebras, **Dave Benson**, University of Georgia, and **Henning Krause**, Universität Paderborn.

Set Theory, **Joel Hamkins**, City University of New York, **Peter Koepke**, Universität Bonn, and **Benedikt Löwe**, Universiteit van Amsterdam.

Spectral Analysis of Differential and Difference Operators, **Evgeni Korotyaev**, Humboldt-University Berlin, **Boris Mityagin**, The Ohio State University, and **Gerald Teschl**, University of Vienna.

Stochastic Analysis on Metric Spaces, **Laurent Saloff-Coste**, Cornell University, **Karl-Theodor Sturm**, University of Bonn, and **Wolfgang Woess**, Graz Technical University.

Topics in Applied Mathematics and Mechanics: Mathematical Control Theory and Numerical Methods, **Peter Benner**, Fakultät für Mathematik.

Topics in Applied Mathematics and Mechanics: Mechanics, **Friedrich Pfeiffer**, Technical University of Munich.

Topics in Applied Mathematics and Mechanics: Multiscale Problems, Oscillations in PDEs, and Homogenization, **Alexander Mielke**, University of Hannover.

Topics in Applied Mathematics and Mechanics: Numerical PDEs, Equations with Inherent Conditions, **Rolf Jeltsch**, Eidgen Technische Hochschule, **Maria Lukacova**, Technical University of Brno, and **Mac Hyman**, Los Alamos National Laboratory.

Topics in Applied Mathematics and Mechanics: Algebraic Approaches to Preconditioning, **Heike Fassbender**, Technical University of Braunschweig, and **Andreas Frommer**, University of Wuppertal.

Topology of Manifolds, **Matthias Kreck**, University of Heidelberg, and **Andrew Ranicki**, University of Edinburgh.

Contributed Papers

There will be no sessions of contributed papers.

Abstracts

Abstracts must be submitted electronically; mathematical displays can be accommodated in LaTeX only. See the conference website and follow the links to the abstract submission web form at (<http://atlas-conferences.com/cgi-bin/abstract/submit/caoz-01>). The deadline for abstract submission is **March 31, 2005**.

Accommodations

Participants should make their own accommodation arrangements. To obtain special meeting rates, you must utilize the online reservation form at <http://www.info-mainz.de/tourist/ams/reservierungeng.htm>. The **deadline for reserving hotel rooms at special rates** through the conference website is **May 4, 2005**. After that, participants must make reservations on their own. The recommended reservation service after May 4 is at <http://www.mainz.de> (for the English version, click on the small round button showing the pattern of the British flag).

The AMS is not responsible for rate changes or the quality of the accommodations. All rates are per room per night and include private facilities, shower, VAT, and breakfast (except Hilton hotels). Rates are quoted in euros for single/double occupancy; the distance to the university is shown in meters (m).

Links to the homepages of many of these hotels and others are found at <http://www.mainz.de/WGAPublisher/online/html/default/hthn-5v7kpk.en.0>.

Hotel Römerstein*:** Comfortable hotel in the suburb Mainz-Bretzenheim in an idyllic and calm atmosphere; €75/€120; 400 m.

Contel Mainz: Large hotel with various kinds of rooms and apartments; €101.50/€121.50; 1350 m.

Hotel Königshof: Newly renovated middle-class hotel at the station; €57/€82; 1800 m.

Hotel Schottenhof: Standard hotel centrally located next to the station; €73/€98; 1800 m.

Central Hotel Eden*:** Traditional middle-class hotel with the charm of former times, at the station; €80/€95; 1800 m.

Hotel Hammer*:** Modern, newly renovated hotel with upper class comfort, at the station; €84.50/€103; 1800 m.

Hotel Stadt Mainz*:** Newly renovated hotel on a calm street not far from the station; €85/€100; 2000 m.

Hotel Austria: Nice family hotel built in 1997, next to the station; €80/€100; 2000 m.

Advena Europa Hotel: Newly renovated hotel, not far from the station; €88/€98; 2000 m.

City Hotel Neubrunnenhof: Hotel in the city center next to the pedestrian area; €72/€98; 2500 m.

Dormotel Mainz: Comfortable and quiet accommodations in Mainz-Bretzenheim; €66/€78; 3000 m.

Hotel Mainzer Hof*:** Private hotel near the river; €85/€115; 2800 m.

Hilton Mainz: Comfortable first-class hotel on the river-side; breakfast is an additional €18 per person/day; €159/€179/€194 or €179/€199/€214; 3800 m.

Hilton Mainz City: First-class hotel in the city center; breakfast is an additional €18 per person/day; €159/€179 or €179/€199; 3500 m.

Hotel Stiftswingert*:** Three-star hotel, not far from the old town; €74/€100.20; 3000 m.

Ibis Hotel:** Centrally located in the old town; €81/€90; 3500 m.

Favorite Parkhotel**:** Four-star hotel, completely renovated, situated in the public park of Mainz; €120/€152; 5500 m.

Günnewig Bristol Hotel**:** Four-star hotel, in the pleasant suburb of Mainz-Weisenau; €113/€130; 6000 m.

Hotel Kaiserstübchen: Small personal hotel in the suburb of Mainz-Finthen; €55/€75; 4800 m.

Atrium Hotel Mainz**:** Four-star superior hotel, calm and nicely situated in Mainz-Finthen; €113/€118 or €143/€148; 4800 m.

Hotel Am Lerchenberg: Hotel in a park-like setting in the suburb of Lerchenberg; €73/€99; 6400 m.

Restaurants/Food Service

Several restaurants and bistros are scattered across campus. For evening meals there are many restaurants and pubs in the downtown area around the main cathedral. There is a small cafeteria next to lecture hall RW-1 open on Thursday and Friday, 8:00 a.m. to 7:00 p.m. The main cafeteria on Staudinger Weg is close to the Institute of Mathematics and is open on Thursday and Friday, 8:00 a.m. to 6:00 p.m.

Registration and Meeting Information

The meeting will take place at Johannes Gutenberg University in Mainz (near Frankfurt). Plenary sessions will be held in the main lecture hall RW-1 (street address is Jakob-Welder-Weg 9). Special Sessions will take place at (or just nearby) the Institute of Mathematics (street address is Staudinger Weg 9). On Friday, June 17, there will be an Opening Ceremony at 8:30 a.m. in the plenary lecture hall. There will be signs on campus to all sessions. The conference begins on Thursday, June 16, at 1:00 p.m. and ends on Sunday, June 19, at 3:00 p.m.

There are two **conference offices** where participants may pick up conference materials, the booklet of abstracts, and city maps: in front of lecture hall RW-1 on Wednesday, 4:00 p.m. to 8:00 p.m., on Friday, 9:30 a.m. to 1:00 p.m., on Saturday, 8:30 a.m. to 1:00 p.m., and on Sunday, noon to 3:00 p.m.; at the Institute of Mathematics in Room 05-432 (Hilbertraum) on the fifth floor on Thursday, 1:00 p.m. to 8:00 p.m., on Friday, 1:00 p.m. to 8:00 p.m., on Saturday, 1:00 p.m. to 8:00 p.m., and on Sunday, 8:30 a.m. to noon.

Registration fees paid before April 1 are €50 for members of any of the five participating societies (AMS, DMV, OeMG, GAMM, SIAM), €15 for students, and €80 for all others. Registration fees after April 1 are €80, €15, and €120, respectively. As of January 12, 2005, US\$1=€.76272.

Social Events

Space is limited for some of these events, so reserve early.

Evening reception in the castle 'Kurfürstliches Schloss' in Mainz: Friday, June 17, at 8:00 p.m.; cost is €10/person. Take city buses from Mainz-Hauptbahnhof #9 toward Schierstein or #6 toward Wiesbaden; leave at bus stop Landtag.

Mathematics Museum in Giessen: Friday, June 17, 1:00 p.m.–7:00 p.m.; cost is €20/person for museum entry only (food and beverages available at extra cost). Departure and return is at the Institute of Mathematics, Staudinger Weg 9, parking lot.

Boat trip on the Rhine River: Saturday, June 18, 6:30 p.m.–11:30 p.m.; cost is €30/person, food and beverages are available on board at extra cost. Departure and return is at landing stage 'Am Fischtorplatz'. Take city buses from Mainz-Hauptbahnhof #60 toward Ginsheim, #61 toward Laubenheim; leave at bus stop Fischtor.

Travel and Maps

Maps of the area and city may be found on the conference website cited above. Also, city maps will be distributed with your conference registration materials. Your air travel destination should be the Frankfurt/Main Airport or Frankfurt/Hahn Airport.

From Frankfurt/Main Airport to Mainz main train station (Hauptbahnhof): Take the train from platform Regionalbahnhof by S-Bahn S8, Regonalbahn (RB), Regionalexpress (RE); travel time is about 30 minutes. Get off at Mainz Hauptbahnhof (not Mainz Süd or Mainz-Kastel). Or, take the train from platform Fernbahnhof by Eurocity (EC), Intercity (IC), Intercity Express (ICE); travel time is about 20 minutes.

From Frankfurt/Hahn Airport to Mainz main train station (Hauptbahnhof): Take the ORN-Bus which runs every three hours, 24 hours a day. By car, take state route B50 to highway A61 at the entrance Rheinböllen toward Ludwigshafen, change at Dreieck Nahetal to highway A60 toward Mainz. Leave highway A60 at the Saastrasse exit toward Innenstadt. Follow the signs for Hauptbahnhof or Universität; travel time is about 90 minutes.

From the Mainz train station (Hauptbahnhof) to the university: There are frequent buses and trams around the city and surrounding area. You should consider buying a ticket for €17.80 entitling you to travel on the public transportation network 24 hours/day for a week, at the information center of MVG-Mainzer Verkehrsgesellschaft, Bonifazius Strasse 2, in front of the Mainz train station.

To get to campus by bus take the #54 toward Lerchenberg or #55 toward Finthen or #58 toward Wackernheim or #68 toward Klein-Winterheim/Koblenzer Strasse. Get off at Freidrich-von-Pfeiffer-Weg. The Institute of Mathematics and the main lecture hall RW-1 are about a 10-minute walk.

To get closer to the main lecture hall RW-1 (but about a 20-minute walk from the Institute of Mathematics) by bus, take #6 toward Marienborn, or #6A toward Bretzenheim or #56, #57, #65 toward Hartenberg or #64 toward Budenheim or #54 toward Lerchenberg or #55 toward Finthen or #58 toward Wackernheim or #68 toward Kelin-Winterheim/Koblenzer Strasse and get off at Universität.

By car: Take highway A60 toward Mainz and exit at Saarstasse toward Innenstadt. Follow the signs for Universität. The visitors' parking lot is at the main university entrance at Ackermannweg (street address). Other parking is available south of the campus on Albert-Schweitzer-Strasse and at Dahlheimer Weg. Both of these lots are within walking distance of the lecture halls (parking on campus is restricted to employees only by permit).

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: March 8, 2005

For consideration of contributed papers in Special Sessions:
June 21, 2005

For abstracts: August 16, 2005

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

Invited Addresses

Persi Diaconis, Stanford University, *Title to be announced* (Erdős Memorial Lecture).

Harold Rosenberg, University of Paris VII, *Title to be announced*.

Alice Silverberg, University of California Irvine, *Title to be announced*.

Christopher Sogge, Johns Hopkins University, *Title to be announced*.

Benny Sudakov, Princeton University, *Title to be announced*.

Special Sessions

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 Pollack**, 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.

The 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.

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.

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: March 15, 2005

For consideration of contributed papers in Special Sessions:
June 28, 2005

For abstracts: August 23, 2005

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

Invited Addresses

Alberto Bressan, Pennsylvania State University, *Title to be announced.*

Assaf Naor, Microsoft Research, *Title to be announced.*

Prasad V. Tetali, Georgia Institute of Technology, *Title to be announced.*

Rekha R. Thomas, University of Washington, *Title to be announced.*

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: March 22, 2005

For consideration of contributed papers in Special Sessions:
July 5, 2005

For abstracts: August 30, 2005

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

Invited Addresses

Howard Masur, University of Illinois at Chicago, *Title to be announced.*

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.

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

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: April 12, 2005

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

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.

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

Taiwan

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*: May 2005

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: To be announced

Deadlines

For organizers: To be announced

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

For abstracts: To be announced

San Antonio, Texas

Henry B. Gonzalez Convention Center

January 12–15, 2006

Thursday – Sunday

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: John L. Bryant

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: April 12, 2005

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

For abstracts: To be announced

For summaries of papers to MAA organizers: To be announced

Miami, Florida

Florida International University

April 1–2, 2006

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: September 1, 2005

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

For abstracts: To be announced

Notre Dame, Indiana

University of Notre Dame

April 8–9, 2006

Saturday – Sunday

Central Section

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: February 2006

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 9, 2005

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

For abstracts: To be announced

Durham, New Hampshire

University of New Hampshire

April 22–23, 2006

Saturday – Sunday

Eastern Section

Associate secretary: Lesley M. Sibner

Announcement issue of *Notices*: To be announced

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: To be announced

Deadlines

For organizers: September 22, 2005

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

For abstracts: To be announced

San Francisco, California

San Francisco State University

April 29–30, 2006

Saturday – Sunday

Western Section

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: To be announced

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: To be announced

Deadlines

For organizers: To be announced

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

For abstracts: To be announced

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

Special Sessions

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

Fayetteville, Arkansas

University of Arkansas

November 3–4, 2006

Friday – Saturday

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: April 3, 2006

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

For abstracts: To be announced

New Orleans, Louisiana

*New Orleans Marriott Hotel and Sheraton
New Orleans Hotel*

January 4–7, 2007

Thursday – Sunday

Joint Mathematics Meetings, including the 113th Annual Meeting of the AMS, 90th Annual Meeting of the Mathematical Association of America (MAA), annual meetings of the Association for Women in Mathematics (AWM) and the National Association of Mathematicians (NAM), and the winter meeting of the Association for Symbolic Logic (ASL), 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: To be announced

Program issue of electronic *Notices*: January 2007
 Issue of *Abstracts*: To be announced

Deadlines

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

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

San Diego, California

San Diego Convention Center

January 6–9, 2008

Sunday – Wednesday

Joint Mathematics Meetings, including the 114th Annual Meeting of the AMS, 91st Annual Meeting of the Mathematical Association of America (MAA), annual meetings of the Association for Women in Mathematics (AWM) and the National Association of Mathematicians (NAM), and the winter meeting of the Association for Symbolic Logic (ASL).
 Associate secretary: Michel L. Lapidus
 Announcement issue of *Notices*: October 2007
 Program first available on AMS website: November 1, 2007
 Program issue of electronic *Notices*: January 2008
 Issue of *Abstracts*: Volume 29, Issue 1

Deadlines

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

Washington, District of Columbia

Marriott Wardman Park Hotel and Omni Shoreham Hotel

January 7–10, 2009

Wednesday – Saturday

Joint Mathematics Meetings, including the 115th Annual Meeting of the AMS, 92nd Annual Meeting of the Mathematical Association of America (MAA), annual meetings of the Association for Women in Mathematics (AWM) and the National Association of Mathematicians (NAM), and the winter meeting of the Association for Symbolic Logic (ASL).
 Associate secretary: Lesley M. Sibner
 Announcement issue of *Notices*: October 2008
 Program first available on AMS website: November 1, 2008
 Program issue of electronic *Notices*: January 2009
 Issue of *Abstracts*: Volume 30, Issue 1

Deadlines

For organizers: April 7, 2008
 For consideration of contributed papers in Special Sessions:
 To be announced
 For abstracts: To be announced
 For summaries of papers to MAA organizers: To be
 announced

San Francisco, California

Moscone West Convention Center

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: John L. Bryant
 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 5, 2009
 For consideration of contributed papers in Special Sessions:
 To be announced
 For abstracts: To be announced
 For summaries of papers to MAA organizers: To be
 announced

New Orleans, Louisiana

*New Orleans Marriott Hotel 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, 2010

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