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.

Shanghai, People's Republic of China

Fudan University

December 17–21, 2008
Wednesday – Sunday

Meeting #1045
First Joint International Meeting between the AMS and the Shanghai Mathematical Society
Associate secretary: Susan J. Friedlander
Announcement issue of *Notices*: June 2008
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: Not applicable
For abstracts: Expired

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

Invited Addresses

Robert J. Bryant, University of California Berkeley, *Title to be announced.*

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

Zhi-Ming Ma, Chinese Academy of Sciences, *Title to be announced.*

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

Xiaoping Yuan, Fudan University, *Title to be announced.*

Weiping Zhang, Chern Institute, *Title to be announced.*

Special Sessions

Biomathematics: Newly Developed Applied Mathematics and New Mathematics Arising from Biosciences, **Banghe Li**, Chinese Academy of Sciences, **Reinhard C. Laubenbacher**, Virginia Bioinformatics Institute, and **Jianjun Paul Tian**, College of William and Mary.

Combinatorics and Discrete Dynamical Systems, **Reinhard C. Laubenbacher**, Virginia Bioinformatics Institute, **Klaus Sutner**, Carnegie Mellon University, and **Yaokun Wu**, Shanghai Jiao Tong University.

Differential Geometry and Its Applications, **Jianguo Cao**, University of Notre Dame, and **Yu Xin Dong**, Fudan University.

Dynamical Systems Arising in Ecology and Biology, **Qishao Lu**, Beijing University of Aeronautics & Astronautics, and **Zhaosheng Feng**, University of Texas-Pan American.

Elliptic and Parabolic Nonlinear Partial Differential Equations, **Changfeng Gui**, University of Connecticut, and **Feng Zhou**, East China Normal University.

Harmonic Analysis and Partial Differential Equations with Applications, **Yong Ding**, Beijing Normal University, **Guo-Zhen Lu**, Wayne State University, and **Shanzhen Lu**, Beijing Normal University.

Integrable System and Its Applications, **En-Gui Fan**, Fudan University, **Sen-Yue Lou**, Shanghai Jiao Tong

University and Ningbo University, and **Zhi-Jun Qiao**, University of Texas-Pan American.

Integral and Convex Geometric Analysis, **Deane Yang**, Polytechnic University, and **Jiazu Zhou**, Southwest University.

Lie Algebras, Vertex Operator Algebras and Related Topics, **Hu Nai Hong**, East China Normal University, and **Yi-Zhi Huang**, Rutgers University.

Nonlinear Systems of Conservation Laws and Related Topics, **Gui-Qiang Chen**, Northwestern University, and **Shuxing Chen** and **Yi Zhou**, Fudan University.

Optimization and Its Application, **Shu-Cherng Fang**, North Carolina State University, and **Xuexiang Huang**, Fudan University.

Quantum Algebras and Related Topics, **Naihuan N. Jing**, North Carolina State University, **Quanshui Wu**, Fudan University, and **James J. Zhang**, University of Washington.

Recent Developments in Nonlinear Dispersive Wave Theory, **Jerry Bona**, University of Illinois at Chicago, **Bo Ling Guo**, Institute of Applied Physics and Computational Mathematics, **Shu Ming Sun**, Virginia Polytech Institute and State University, and **Bingyu Zhang**, University of Cincinnati.

Representation of Algebras and Groups, **Birge K. Huisgen-Zimmermann**, University of California Santa Barbara, **Jie Xiao**, Tsinghua University, **Jiping Zhang**, Beijing University, and **Pu Zhang**, Shanghai Jiao Tong University.

Several Complex Variables and Applications, **Siqi Fu**, Rutgers University, **Min Ru**, University of Houston, and **Zhihua Chen**, Tongji University.

Several Topics in Banach Space Theory, **Gerard J. Buskes** and **Qingying Bu**, University of Mississippi, and **Lixin Cheng**, Xiamen University.

Stochastic Analysis and Its Application, **Jiangang Ying**, Fudan University, and **Zhenqing Chen**, University of Washington.

Topics in Partial Differential Equations and Mathematical Control Theory, **Xiaojun Huang**, Rutgers University, **Gengsheng Wang**, Wuhan University of China, and **Stephen S.-T. Yau**, University of Illinois at Chicago.

Washington, District of Columbia

Marriott Wardman Park Hotel and Omni Shoreham Hotel

January 5–8, 2009
Monday – Thursday

Meeting #1046
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), with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).

Associate secretary: Bernard Russo
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: 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/national.html.

AMS-MAA Invited Addresses
The Joint AMS Committee on Science Policy-MAA Science Policy Committee Government Speaker on Wednesday afternoon has been cancelled.

AMS Sessions
The title of the Committee on the Profession Panel Discussion on Tuesday at 2:30 p.m. is **What I Wish I Had Known or Studied Before Going to Graduate School** and will be moderated by **Craig L. Huneke**, University of Kansas.

The title of the presentation sponsored by the Committee on Science Policy on Wednesday at 2:30 p.m. is **Future Federal Science and Technology Budgets**. **Kei Koizumi**, American Association for the Advancement of Science, will outline the latest news on this topic as seen from his position as director of the R&D Budget and Policy Program for the AAAS.

MAA Sessions
Career Fair, Monday, 9:00 a.m.—11:00 a.m., organized by **Robert W. Vallin**, MAA. This event will help answer the eternal questions, "Who is hiring people with math degrees?" and "How can I get in contact with them?" All students, whether they are earning Bachelor's, Master's, or Ph.D. degrees, are invited to participate. Representatives from companies in government and industry will take part in the event. Participants will have the opportunity to make contacts, hand out resumes or curricula vita, and explore the many kinds of careers they may pursue in the future. A human resources professional will also be on hand to critique resumes. Exhibitors for this event may participate for a registration fee of US$100; JMM exhibitors may participate for US$50. Please contact Stephen DeSanto at sdesanto@maa.org to register, and Robert Vallin at RVallin@maa.org for any other questions.

Panelists for the **Actuarial Education** session at 5:00 p.m. on Wednesday are **James W. Daniel**, University of Texas at Austin; **Ken Guthrie**, Society of Actuaries; **Bryan Hearsey**, Lebanon Valley College; **Emily Kessler**, Society

of Actuaries; and **Hwa Chi Liang**, Washburn University. **Kevin E. Charlwood** will serve as moderator.

Panelists for the **Mathematicians and Public Policy** discussion at 2:30 p.m. on Thursday include **Vernon J. Ehlers** U.S. Congressman, Michigan, and House Subcommittee on Research and Science Education; **Jerry McNerney**, U.S. Congressman, California; **Douglas N. Arnold**, University of Minnesota and president-elect, Society for Industrial and Applied Mathematics; **Daniel H. Ullman**, George Washington University and former AMS/AAAS Congressional Fellow. The moderator is **Philippe Tondeur**, former director of the Division of Mathematical Sciences, NSF.

Special Interest Groups of the MAA

SIGMAA on Circles (SIGMAA MCST) Business Meeting, Wednesday, 6:00 p.m.–7:00 p.m. See information on a reception in the "Social Events" section.

Other Organizations

Mathematical Art Exhibit Prize, to be awarded on Tuesday in the exhibit area at a time to be announced, was established in 2008 through an endowment provided to the AMS by an anonymous donor, who wishes to acknowledge those whose works demonstrate the beauty and elegance of mathematics expressed in a visual art form. First, second and third prizes will be awarded by a panel of judges chosen by the AMS and MAA for aesthetically pleasing works that combine mathematics and visual art exhibited in the 2009 Joint Mathematics Meetings Mathematical Art Exhibit. See your program for times the exhibit area is open.

Social Events

Brigham Young University Mathematics Department Reception, Monday, 6:00 p.m.–8:00 p.m. Alumni and friends of BYU Mathematics and its program (e.g., CURM, REU) are invited to attend a reception with light refreshments. Please contact Michael Dorff for more information at `mdorff@math.byu.edu`.

Claremont Colleges Alumni Reception, Tuesday, 6:00 p.m.–8:00 p.m. Please join your fellow Claremont College math faculty, alumni, students, and special guests. Hors d'oeurves and drinks will be provided. Please send your RSVP to `alumni@home.edu`.

Lehigh University Reception, Tuesday, 5:45 p.m.–7:00 p.m. All friends and graduates are invited.

MAA Open House, Wednesday, 3:00 p.m.–6:00 p.m. Come see the MAA Dolciani Mathematical Center, the Halmos Carriage House, and the River of Bricks. Refreshments will be served. Special bus service has been arranged for every half hour to and from the MAA beginning, at 3:00 p.m. The last bus back is at 6:00 p.m. Pick up/drop off is at the 24th Street entrance to the Marriott right next to Harry's Pub on the lobby level.

National Association of Math Circles (NAMC), and NAMC and SIGMAA on Circles Joint Reception, Wednesday, 7:00 p.m.–9:00 p.m.

University of Michigan Alumni and Friends Reception, Wednesday, 5:00 p.m.–6:30 pm.

NSA Women in Mathematics Society Networking Session, Tuesday, 6:00 p.m.–8:00 p.m. All participants are welcome to this annual event. Please stop by the NSA booth in the exhibit hall for the exact location.

North Carolina State University Reception, Tuesday, 6:00 p.m.–8:00 p.m. All alumni, family, spouses, and friends of the Department of Mathematics are invited to come and meet old friends and to hear of recent events in the department.

University of Wisconsin-Madison Department of Mathematics Reception, Tuesday, 6:00 p.m.–8:00 p.m. All alumni and friends are invited to visit with new and old friends.

MAA Ancillary Workshop

Teaching Introductory Data Analysis through Modeling, presented by **Daniel Kaplan**, Macalester College, Sunday, 8:30 a.m.–5:00 p.m. This hands-on workshop intended for teachers of introductory statistics in colleges and universities will present a new way of teaching introductory data analysis that gives a central role to modeling techniques. Modeling provides a strong unifying framework for statistics and at the same time ties statistics closely to the scientific method and the demands of realistic multivariable data. The workshop will introduce the ways in which models can be used for description, the interpretation of models in terms of association, change, and partial change (that is, change in one variable while holding others constant). In place of the usual matrix-based theory of linear models, the workshop will present a geometrical approach to theory that is accessible to introductory students and fully illuminates important ideas in data analysis: fitting, confounding and Simpson's paradox, correlation and collinearity. Inference is introduced using resampling and simulation, from which it is straightforward to transition to a general framework for inference, analysis of covariance. Computation (using the free package R) will feature prominently in hands-on activities; participants should bring laptop computers if possible. Participants do **not** need to have previous experience with R or with statistical modeling. Our students can learn it and so can you!

There is no registration fee for this workshop. Note that it will be **held the day before** the Joint Mathematics Meetings actually begin in the Marriott Wardman Park Hotel. Workshop materials and lunch during the workshop will be provided. Workshop participants are encouraged to bring their own laptops. Workshop participants are responsible for their own transportation and lodging. Enrollment is limited to 40. For registration and additional details go to `http://www.causeweb.org/workshop/modeling_jmm09/`.

Urbana, Illinois

University of Illinois at Urbana-Champaign

March 27–29, 2009
Friday – Sunday

Meeting #1047
Central Section
Associate secretary: Susan J. Friedlander
Announcement issue of *Notices*: January
Program first available on AMS website: February 12, 2009
Program issue of electronic *Notices*: March
Issue of *Abstracts*: To be announced

Deadlines

For organizers: Expired
For consideration of contributed papers in Special Sessions: December 9, 2008
For abstracts: February 3, 2009

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

Invited Addresses

Jeffrey C. Lagarias, University of Michigan, *Title to be announced* (Erdős Memorial Lecture).

Jacob Lurie, Massachusetts Institute of Technology, *Title to be announced*.

Gilles Pisier, Texas A&M University, *Title to be announced*.

Akshay Venkatesh, New York University-Courant Institute, *Title to be announced*.

Special Sessions

Algebra, Geometry and Combinatorics (Code: SS 10A), **Rinat Kedem**, University of Illinois at Urbana-Champaign, and **Alexander T. Yong**, University of Minnesota.

Algebraic Methods in Statistics and Probability (Code: SS 3A), **Marlos A. G. Viana**, University of Illinois at Chicago.

Complex Dynamics and Value Distribution (Code: SS 11A), **Aimo Hinkkanen** and **Joseph B. Miles**, University of Illinois at Urbana-Champaign.

Concrete Aspects of Real Positive Polynomials (Code: SS 20A), **Victoria Powers**, Emory University, and **Bruce Reznick**, University of Illinois at Urbana-Champaign.

Differential Geometry and Its Applications (Code: SS 16A), **Stephanie B. Alexander**, University of Illinois at Urbana-Champaign, and **Jianguo Cao**, University of Notre Dame.

Geometric Function Theory and Analysis on Metric Spaces (Code: SS 6A), **Sergiy Merenkov**, **Jeremy Taylor Tyson**, and **Jang-Mei Wu**, University of Illinois at Urbana-Champaign.

Geometric Group Theory (Code: SS 2A), **Sergei V. Ivanov**, **Ilya Kapovich**, **Igor Mineyev**, and **Paul E. Schupp**, University of Illinois at Urbana-Champaign.

Graph Theory (Code: SS 4A), **Alexander V. Kostochka** and **Douglas B. West**, University of Illinois at Urbana-Champaign.

Holomorphic and CR Mappings (Code: SS 9A), **John P. D'Angelo**, **Jiri Lebl**, and **Alex Tumanov**, University of Illinois at Urbana-Champaign.

Hyperbolic Geometry and Teichmuller Theory (Code: SS 18A), **Jason Deblois**, University of Illinois at Chicago, **Richard P. Kent IV**, Brown University, and **Christopher J. Leininger**, University of Illinois at Urbana-Champaign.

Local and Homological Methods in Commutative Algebra (Code: SS 13A), **Florian Enescu**, Georgia State University, and **Sandra Spiroff**, University of Mississippi.

Mathematical Visualization (Code: SS 7A), **George K. Francis**, University of Illinois at Urbana-Champaign, **Louis H. Kauffman**, University of Illinois at Chicago, **Dennis Martin Roseman**, University of Iowa, and **Andrew J. Hanson**, Indiana University.

Nonlinear Partial Differential Equations and Applications (Code: SS 21A), **Igor Kukavica**, University of Southern California, and **Anna L. Mazzucato**, Pennsylvania State University.

Number Theory in the Spirit of Erdős (Code: SS 14A), **Kevin Ford** and **A. J. Hildebrand**, University of Illinois at Urbana-Champaign.

Operator Algebras and Operator Spaces (Code: SS 8A), **Zhong-Jin Ruan**, **Florin P. Boca**, and **Marius Junge**, University of Illinois at Urbana-Champaign.

Probabilistic and Extremal Combinatorics (Code: SS 5A), **Jozsef Balogh** and **Zoltan Furedi**, University of Illinois at Urbana-Champaign.

The Interface Between Number Theory and Dynamical Systems (Code: SS 17A), **Florin Boca**, University of Illinois at Urbana-Champaign, **Jeffrey Lagarias**, University of Michigan, and **Kenneth Stolarsky**, University of Illinois at Urbana-Champaign.

The Logic and Combinatorics of Algebraic Structures (Code: SS 22A), **John Snow**, Concordia University, and **Jeremy Alm**, Illinois College.

Time, Scale and Frequency Methods in Harmonic Analysis (Code: SS 15A), **Richard S. Laugesen**, University of Illinois at Urbana-Champaign, and **Darrin M. Speegle**, St. Louis University.

Topological Dynamics and Ergodic Theory (Code: SS 19A), **Alica Miller**, University of Louisville, and **Joseph Rosenblatt**, University of Illinois at Urbana-Champaign.

Topological Field Theories, Representation Theory, and Algebraic Geometry (Code: SS 12A), **Thomas Nevins**, University of Illinois at Urbana-Champaign, and **David Ben-Zvi**, University of Texas at Austin.

q-Series and Partitions (Code: SS 1A), **Bruce Berndt**, University of Illinois at Urbana-Champaign, and **Ae Ja Yee**, Pennsylvania State University.

Raleigh, North Carolina

North Carolina State University

April 4–5, 2009
Saturday – Sunday

Meeting #1048
Southeastern Section
Associate secretary: Matthew Miller
Announcement issue of *Notices*: January 2009
Program first available on AMS website: February 19, 2009
Program issue of electronic *Notices*: April 2009
Issue of *Abstracts*: To be announced

Deadlines
For organizers: Expired
For consideration of contributed papers in Special Sessions: December 16, 2008
For abstracts: February 10, 2009

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

Invited Addresses

Nathan Dunfield, University of Illinois at Urbana-Champaign, *Surfaces in finite covers of 3-manifolds: The Virtual Haken Conjecture.*

Reinhard C. Laubenbacher, Virginia Bioinformatics Institute, *Algebraic models in systems biology.*

Jonathan C. Mattingly, Duke University, *Stochastically forced fluid equations: Transfer between scales and ergodicity.*

Raman Parimala, Emory University, *Title to be announced.*

Special Sessions

Advancements in Turbulent Flow Modeling and Computation (Code: SS 8A), **Leo G. Rebholz**, Clemson University, and **Traian Iliescu**, Virginia Polytechnic Institute and State University.

Algebraic Groups and Symmetric Spaces (Code: SS 19A), **Stacy Beun**, Cabrini College, and **Aloysius Helminck**, North Carolina State University.

Applications of Algebraic and Geometric Combinatorics (Code: SS 2A), **Seth M. Sullivant**, Harvard University, and **Carla D. Savage**, North Carolina State University.

Applications of Dynamical Systems to Problems in Biology (Code: SS 16A), **John E. Franke** and **James F. Selgrade**, North Carolina State University.

Brauer Groups, Quadratic Forms, Algebraic Groups, and Lie Algebras (Code: SS 12A), **Eric S. Brussel** and **Skip Garibaldi**, Emory University.

Commutative Rings and Monoids (Code: SS 17A), **Scott T. Chapman**, Sam Houston State University, and **James B. Coykendall**, North Dakota State University.

Computational Methods in Lie Theory (Code: SS 10A), **Eric Sommers**, University of Massachusetts, Amherst, and **Molly Fenn**, North Carolina State University.

Deferred Correction Methods and Their Applications (Code: SS 20A), **Elizabeth L. Bouzarth** and **Anita T. Layton**, Duke University.

Enumerative Geometry and Related Topics (Code: SS 7A), **Richard L. Rimanyi**, University of North Carolina, Chapel Hill, and **Leonardo C. Mihalcea**, Duke University.

Galois Module Theory and Hopf Algebras (Code: SS 13A), **Robert G. Underwood**, Auburn University Montgomery, and **James E. Carter**, College of Charleston.

Geometry of Differential Equations (Code: SS 9A), **Thomas A. Ivey**, College of Charleston, and **Irina A. Kogan**, North Carolina State University.

Homotopical Algebra with Applications to Mathematical Physics (Code: SS 3A), **Thomas J. Lada**, North Carolina State University, and **Jim Stasheff**, University of North Carolina, Chapel Hill.

Kac-Moody Algebras, Vertex Algebras, Quantum Groups, and Applications (Code: SS 1A), **Bojko N. Bakalov**, **Kailash C. Misra**, and **Naihuan N. Jing**, North Carolina State University.

Low-Dimensional Topology and Geometry (Code: SS 4A), **Nathan M. Dunfield**, University of Illinois at Urbana-Champaign, **John B. Etnyre**, Georgia Institute of Technology, and **Lenhard Ng**, Duke University.

Mathematical Progress and Challenges for Biological Materials (Code: SS 18A), **Mansoor A. Haider**, North Carolina State University, and **Gregory Forest**, University of North Carolina, Chapel Hill.

Mathematics of Immunology and Infectious Diseases (Code: SS 14A), **Stanca M. Ciupe**, Duke University.

Nonlinear Dynamics and Control (Code: SS 11A), **Anthony M. Bloch**, University of Michigan, Ann Arbor, and **Dmitry Zenkov**, North Carolina State University.

Numerical Solution of Partial Differential Equations and Applications (Code: SS 15A), **Alina Chertock** and **Zhilin Li**, North Carolina State University.

Recent Advances in Symbolic Algebra and Analysis (Code: SS 5A), **Michael F. Singer** and **Agnes Szanto**, North Carolina State University.

Rings, Algebras, and Varieties in Combinatorics (Code: SS 6A), **Patricia Hersh**, North Carolina State University, **Christian Lenart**, SUNY Albany, and **Nathan Reading**, North Carolina State University.

Worcester, Massachusetts

Worcester Polytechnic Institute

April 25–26, 2009
Saturday – Sunday

Meeting #1050
Eastern Section
Associate secretary: Steven H. Weintraub
Announcement issue of *Notices*: February 2009
Program first available on AMS website: March 12, 2009
Program issue of electronic *Notices*: April 2009
Issue of *Abstracts*: To be announced

Deadlines
For organizers: Expired
For consideration of contributed papers in Special Sessions: January 6, 2009
For abstracts: March 3, 2009

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

Invited Addresses

Octav Cornea, Université de Montréal, *Title to be announced*.

Fengbo Hang, Courant Institute of New York University, *Title to be announced*.

Umberto Mosco, Worcester Polytechnic Institute, *Title to be announced*.

Kevin Whyte, University of Illinois at Chicago, *Title to be announced*.

Special Sessions

Algebraic Graph Theory, Association Schemes, and Related Topics (Code: SS 8A), **William J. Martin**, Worcester Polytechnic Institute, and **Sylvia A. Hobart**, University of Wyoming.

Discrete Geometry and Combinatorics (Code: SS 5A), **Egon Schulte**, Northeastern University, and **Brigitte Servatius**, Worcester Polytechnic Institute.

Effective Dynamics and Interactions of Localized Structures in Schrodinger Type Equations (Code: SS 10A), **Fridolin Ting**, Lakehead University.

Number Theory (Code: SS 4A), **John T. Cullinan**, Bard College, and **Siman Wong**, University of Massachusetts, Amherst.

Quasi-Static and Dynamic Evolution in Fracture Mechanics (Code: SS 6A), **Christopher J. Larsen**, Worcester Polytechnic Institute.

Real and Complex Dynamics of Rational Difference Equations with Applications (Code: SS 9A), **M. R. S. Kulenovic** and **Orlando Merino**, University of Rhode Island.

Scaling, Irregularities, and Partial Differential Equations (Code: SS 7A), **Umberto Mosco** and **Bogdan M. Vernescu**, Worcester Polytechnic Institute.

Symplectic and Contact Topology (Code: SS 1A), **Peter Albers**, Purdue University/ETH Zurich, and **Basak Gurel**, Vanderbilt University.

The Mathematics of Climate Change (Code: SS 3A), **Catherine A. Roberts** and **Gareth E. Roberts**, College of the Holy Cross, **Mary Lou Zeeman**, Bowdoin College.

Topological Robotics (Code: SS 2A), **Li Han** and **Lee N. Rudolph**, Clark University.

San Francisco, California

San Francisco State University

April 25–26, 2009
Saturday – Sunday

Meeting #1049
Western Section
Associate secretary: Michel L. Lapidus
Announcement issue of *Notices*: February 2009
Program first available on AMS website: March 12, 2009
Program issue of electronic *Notices*: April 2009
Issue of *Abstracts*: To be announced

Deadlines
For organizers: Expired
For consideration of contributed papers in Special Sessions: January 6, 2009
For abstracts: March 3, 2009

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

Invited Addresses

Yehuda Shalom, University of California Los Angeles, *Title to be announced*.

Roman Vershynin, University of California Davis, *Title to be announced*.

Karen Vogtmann, Cornell University, *Title to be announced*.

Efim Zelmanov, University of California Los Angeles, *Title to be announced*.

Special Sessions

Advances in the Theory of Integer Linear Optimization and its Extensions (Code: SS 7A), **Matthias Koeppe** and **Peter Malkin**, University of California Davis.

Algebra and Number Theory with Polyhedra (Code: SS 11A), **Matthias Beck**, San Francisco State University, and **Christian Haase**, Freie Universität Berlin.

Applications of Knot Theory to the Entanglement of Biopolymers (Code: SS 10A), **Javier Arsuaga**, San Francisco

State University, **Kenneth Millett**, University of California Santa Barbara, and **Mariel Vazquez**, San Francisco State University.

Aspects of Differential Geometry (Code: SS 9A), **David Bao**, San Francisco State University, and **Lei Ni**, University of California San Diego.

Banach Algebras, Topological Algebras and Abstract Harmonic Analysis (Code: SS 1A), **Thomas V. Tonev**, University of Montana-Missoula, and **Fereidoun Ghahramani**, University of Manitoba.

Concentration Inequalities (Code: SS 3A), **Sourav Chatterjee**, University of California Berkeley, and **Roman Vershynin**, University of California Davis.

Geometry and Topology of Orbifolds (Code: SS 6A), **Elizabeth Stanhope**, Lewis & Clark University, and **Joseph E. Borzellino**, California State University San Luis Obispo.

Lie group actions, Teichmuller Flows and Number Theory (Code: SS 12A), **Jayadev Athreya**, Yale University, **Yitwah Cheung**, San Francisco State University, and **Anton Zorich**, Rennes University.

Matroids in Algebra and Geometry (Code: SS 8A), **Federico Ardila**, San Francisco State University, and **Lauren Williams**, Harvard University.

Nonlinear Dispersive Equations (Code: SS 4A), **Sebastian Herr**, University of California Berkeley, and **Jeremy L. Marzuola**, Columbia University.

Recent Progress in Geometric Group Theory (Code: SS 2A), **Seonhee Lim** and **Anne Thomas**, Cornell University.

Waco, Texas

Baylor University

October 16–18, 2009
Friday – Sunday

Meeting #1051
Central Section
Associate secretary: Susan J. Friedlander
Announcement issue of *Notices*: August 2009
Program first available on AMS website: September 3, 2009
Program issue of electronic *Notices*: October 2009
Issue of *Abstracts*: To be announced

Deadlines
For organizers: March 17, 2009
For consideration of contributed papers in Special Sessions: June 30, 2009
For abstracts: August 25, 2009

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

Invited Addresses
David Ben-Zvi, University of Texas at Austin, *Title to be announced.*

Alexander A. Kiselev, University of Wisconsin, *Title to be announced.*

Michael C. Reed, Duke University, *Title to be announced.*

Igor Rodnianski, Princeton University, *Title to be announced.*

Special Sessions
Commutative Algebra: Module and Ideal Theory (Code: SS 4A), **Lars W. Christensen**, Texas Tech University, **Louiza Fouli**, University of Texas at Austin, and **David Jorgensen**, University of Texas at Arlington.

Dynamic Equations on Time Scales: Analysis and Applications (Code: SS 1A), **John M. Davis**, **Ian A. Gravagne**, and **Robert J. Marks**, Baylor University.

Mathematical Models of Neuronal and Metabolic Mechanisms (Code: SS 3A), **Janet Best**, Ohio State University, and **Michael Reed**, Duke University.

Numerical Solutions of Singular or Perturbed Partial Differential Equation Problems with Applications (Code: SS 2A), **Peter Moore**, Southern Methodist University, and **Qin Sheng**, Baylor University.

Topological Methods for Boundary Value Problems for Ordinary Differential Equations (Code: SS 5A), **Richard Avery**, Dakota State University, **Paul W. Eloe**, University of Dayton, and **Johnny Henderson**, Baylor University.

University Park, Pennsylvania

Pennsylvania State University

October 24–25, 2009
Saturday – Sunday

Meeting #1052
Eastern Section
Associate secretary: Steven H. Weintraub
Announcement issue of *Notices*: August 2009
Program first available on AMS website: September 10, 2009
Program issue of electronic *Notices*: October 2009
Issue of *Abstracts*: To be announced

Deadlines
For organizers: March 24, 2009
For consideration of contributed papers in Special Sessions: July 7, 2009
For abstracts: September 1, 2009

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

Invited Addresses
Michael K. H. Kiessling, Rutgers University, *Title to be announced.*

Kevin R. Payne, Universita degli di Milano, *Title to be announced.*

Laurent Saloff-Coste, Cornell University, *Title to be announced.*

Robert C. Vaughan, Penn State University, *Title to be announced.*

Boca Raton, Florida

Florida Atlantic University

October 30 – November 1, 2009

Friday – Sunday

Meeting #1053

Southeastern Section
Associate secretary: Matthew Miller
Announcement issue of *Notices*: August 2009
Program first available on AMS website: September 17, 2009
Program issue of electronic *Notices*: October 2009
Issue of *Abstracts*: To be announced

Deadlines

For organizers: March 30, 2009
For consideration of contributed papers in Special Sessions: July 14, 2009
For abstracts: September 8, 2009

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

Invited Addresses

Spyros Alexakis, Princeton University, *Title to be announced.*

Kai-Uwe Bux, University of Virginia, *Title to be announced.*

Dino J. Lorenzini, University of Georgia, *Title to be announced.*

Eduardo D. Sontag, Rutgers University, *Title to be announced.*

Special Sessions

Commutative Ring Theory (Code: SS 3A), Alan Loper, Ohio State University, and Lee C. Klingler, Florida Atlantic University.

Concentration, Functional Inequalities, and Isoperimetry (Code: SS 2A), Mario Milman, Florida Atlantic University, Christian Houdre, Georgia Institute of Technology, and Emanuel Milman, Institute for Advanced Study.

Constructive Mathematics (Code: SS 1A), Robert Lubarsky, Fred Richman, and Martin Solomon, Florida Atlantic University.

Riverside, California

University of California

November 7–8, 2009

Saturday – Sunday

Meeting #1054

Western Section
Associate secretary: Michel L. Lapidus
Announcement issue of *Notices*: September 2009
Program first available on AMS website: September 24, 2009
Program issue of electronic *Notices*: November 2009
Issue of *Abstracts*: To be announced

Deadlines

For organizers: April 6, 2009
For consideration of contributed papers in Special Sessions: July 21, 2009
For abstracts: September 15, 2009

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

Invited Addresses

Christopher Hacon, University of Utah, *Title to be announced.*

Birge Huisgen-Zimmerman, University of California Santa Barbara, *Title to be announced.*

Jun Li, Stanford University, *Title to be announced.*

Joseph Teran, University of California Los Angeles, *Title to be announced.*

Special Sessions

Algebraic Geometry (Code: SS 1A), Christopher Hacon, University of Utah, and Ziv Ran, University of California Riverside.

Fluid Mechanics (Code: SS 5A), James Kelliher and Qi Zhang, University of California Riverside.

History and Philosophy of Mathematics (Code: SS 4A), Shawnee L. McMurran, California State University San Bernardino, and James J. Tattersall, Providence College.

Noncommutative Geometry (Code: SS 2A), Vasiliy Dolgushev and Wee Liang Gan, University of California Riverside.

Representation Theory (Code: SS 3A), Vyjayanthi Chari, Wee Liang Gan, and Jacob Greenstein, University of California Riverside.

San Francisco, California

Moscone Center West and the San Francisco Marriott

January 13–16, 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), with sessions contributed by the Society of Industrial and Applied Mathematics (SIAM).
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

Lexington, Kentucky

University of Kentucky

March 27–28, 2010

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 28, 2009
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

St. Paul, Minnesota

Macalester College

April 10–11, 2010

Saturday – Sunday
Central Section
Associate secretary: Susan J. Friedlander
Announcement issue of *Notices*: To be announced
Program first available on AMS website: To be announced
Program issue of electronic *Notices*: To be announced
Issue of *Abstracts*: To be announced

Deadlines

For organizers: September 10, 2009
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

Albuquerque, New Mexico

University of New Mexico

April 17–18, 2010

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: September 17, 2009
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

Berkeley, California

University of California Berkeley

June 2–5, 2010

Wednesday – Saturday
Eighth Joint International Meeting of the AMS and the Sociedad Matemática Mexicana.
Associate secretary: Susan J. Friedlander
Announcement issue of *Notices*: February 2010
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

Notre Dame, Indiana

Notre Dame University

September 18–19, 2010

Saturday – Sunday
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: February 19, 2010
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

Los Angeles, California

University of California Los Angeles

October 9–10, 2010

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: March 10, 2010
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), with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).
Associate secretary: Steven H. Weintraub
Announcement issue of *Notices*: October 2010
Program first available on AMS website: November 1, 2010
Program issue of electronic *Notices*: January 2011
Issue of *Abstracts*: Volume 32, Issue 1

Deadlines

For organizers: April 1, 2010
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

Statesboro, Georgia

Georgia Southern University

March 12–13, 2011

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 12, 2010
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

Boston, Massachusetts

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

January 4–7, 2012, *Wednesday – Saturday*
Joint Mathematics Meetings, including the 118th Annual Meeting of the AMS, 95th Annual Meeting of the Mathematical Association of America, annual meetings of the Association for Women in Mathematics (AWM) and the National Association of Mathematicians (NAM), and the winter meeting of the Association for Symbolic Logic (ASL), with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).
Associate secretary: Michel L. Lapidus
Announcement issue of *Notices*: October 2011
Program first available on AMS website: November 1, 2011
Program issue of electronic *Notices*: January 2012
Issue of *Abstracts*: Volume 33, Issue 1

Deadlines

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

San Diego, California

San Diego Convention Center and San Diego Marriott Hotel and Marina

January 9–12, 2013
Wednesday – Saturday
Joint Mathematics Meetings, including the 119th Annual Meeting of the AMS, 96th Annual Meeting of the Mathematical Association of America, annual meetings of the Association for Women in Mathematics (AWM) and the National Association of Mathematicians (NAM), and the winter meeting of the Association for Symbolic Logic (ASL), with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).
Associate secretary: Susan J. Friedlander
Announcement issue of *Notices*: October 2012
Program first available on AMS website: November 1, 2012
Program issue of electronic *Notices*: January 2012
Issue of *Abstracts*: Volume 34, Issue 1

Deadlines

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

Baltimore, Maryland

Baltimore Convention Center

January 15–18, 2014
Wednesday – Saturday
Joint Mathematics Meetings, including the 120th Annual Meeting of the AMS, 97th Annual Meeting of the Mathematical Association of America, annual meetings of the Association for Women in Mathematics (AWM) and the National Association of Mathematicians (NAM), and the winter meeting of the Association for Symbolic Logic, with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).
Associate secretary: Matthew Miller
Announcement issue of *Notices*: October 2013
Program first available on AMS website: November 1, 2013
Program issue of electronic *Notices*: January 2013
Issue of *Abstracts*: Volume 35, Issue 1

Deadlines

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

San Antonio, Texas

Henry B. Gonzalez Convention Center and Grand Hyatt San Antonio

January 10–13, 2015
Saturday – Tuesday
Joint Mathematics Meetings, including the 121st Annual Meeting of the AMS, 98th Annual Meeting of the Mathematical Association of America, annual meetings of the Association for Women in Mathematics (AWM) and the National Association of Mathematicians (NAM), and the winter meeting of the Association of Symbolic Logic, with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).
Associate secretary: Steven H. Weintraub
Announcement issue of *Notices*: October 2014
Program first available on AMS website: To be announced
Program issue of electronic *Notices*: January 2015
Issue of *Abstracts*: To be announced

Deadlines

For organizers: April 1, 2014
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced