

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.

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: Expired

For consideration of contributed papers in Special Sessions:
Expired

For abstracts: Expired

Invited Addresses

R. P. Anstee, University of British Columbia, *Forbidden configurations, a survey*.

Arun Ram, University of Wisconsin, *Space walks: Combinatorics, representations, spherical functions, and p -compact groups*.

Donald G. Saari, University of California Irvine, *Mathematics of voting*.

Special Sessions

Algebraic Combinatorics, **Marcelo Aguiar**, Texas A&M University, and **Claudia Malvenuto**, University of Rome “La Sapienza”.

Analytic Number Theory and Modular Forms, **Matthew Boylan** and **Gang Yu**, University of South Carolina.

Boundary Operators in Real and Complex Domains, **Loredana Lanzani**, University of Arkansas, Fayetteville, and **David E. Barrett**, University of Michigan, Ann Arbor.

Combinatorial Representation Theory, **Arun Ram**, University of Wisconsin-Madison, and **Frank Sottile**, Texas A&M University.

Dirac Operators in Analysis and Geometry, **John Ryan**, University of Arkansas, **Marius Mitrea**, University of Missouri, and **Mircea Martin**, Baker University.

Evolution Equations in Physics and Mechanics, **John P. Albert**, University of Oklahoma, **Jerry L. Bona**, University of Illinois at Chicago, and **Jiahong Wu**, Oklahoma State University.

Extremal and Probabilistic Combinatorics, **Jerrold R. Griggs** and **Joshua N. Cooper**, University of South Carolina.

Progress on Problems in Mathematical Fluid Dynamics, **Ning Ju** and **Jiahong Wu**, Oklahoma State University.

Scattering Theory and Wave Propagation, **Tanya Christiansen**, University of Missouri, Columbia, and **Andras Vasy**, Stanford University.

Subelliptic PDEs and Sub-Riemannian Geometry, **Luca Capogna**, University of Arkansas, **Scott Pauls**, Dartmouth College, and **Jeremy T. Tyson**, University of Illinois, Urbana-Champaign.

New Orleans, Louisiana

New Orleans Marriott and Sheraton New Orleans Hotel

January 5–8, 2007

Friday – Monday



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: Expired

For consideration of contributed papers in Special Sessions:
Expired

For abstracts: Expired

Program Updates

AMS-MAA Sessions

The AMS Committee on Science Policy-MAA Science Policy Committee Government Speaker has been cancelled on Sunday afternoon.

AMS Sessions

Katrina and Its Aftermath: Institutional Survival in New Orleans since the Storm, Friday, 4:30 p.m. to 6:00 p.m., organized by **Jim E. Hoste**, Pitzer College. What happened to mathematics departments at colleges and universities in New Orleans after hurricane Katrina? Like everything else in the city, all the institutions were affected, and most had to close for a semester. Many suffered financially and had to take cost-cutting measures. The panel, including **Kenneth W. Holladay**, University of New Orleans, **Morris Kalka**, Tulane University, **Vlajko L. Kocic**, Xavier University of Louisiana, and **Katarzyna Saxton**, Loyola University New Orleans, will discuss the impact of the hurricane on New Orleans mathematics departments, describe their current situation, and present plans for the future. The panel will be moderated by **Jim E. Hoste**, and is sponsored by the Committee on the Profession.

Additions to the AMS Special Presentation on Congressional Fellows on Sunday morning are presenters **David Weinreich**, AMS Congressional Fellow 2005-06, and **Dan Ullman**, AMS Congressional Fellow 2006-07. The ap-

plication deadline for a 2007–08 AMS Congressional Fellowship is January 31, 2007.

Current Events Bulletin, Sunday afternoon. Speakers include **Robert W. Ghrist**, University of Illinois, Urbana-Champaign; **Izabella J. Laba**, University of British Columbia; **Barry Mazur**, Harvard University; and **Akshay Venkatesh**, Courant Institute, New York University.

NSF Funding for Mathematics is the title of the Committee on Science Policy panel on Sunday afternoon at 2:30 p.m., organized by **DeWitt L. Sumners**, Florida State University. **Tony Chan**, Assistant Director for Mathematics and Physical Sciences, and **Peter March**, Director of the Division of Mathematical Sciences, are new directors at the National Science Foundation. They will discuss their views on important NSF funding issues for mathematics, such as the balance between support for smaller individual investigator grants and larger institutional grants, and efforts to leverage DMS funding at the NSF and other agencies. The audience is encouraged to ask questions and participate in the discussion.

A Panel on the National Math Panel, Monday, 8:30 a.m. to 10:00 a.m., organized by **William G. McCallum**, University of Arizona. The National Mathematics Advisory Panel was created to advise President Bush and Secretary of Education Margaret Spellings on “the best use of scientifically based research on the teaching and learning of mathematics”. This session will include presentations by **Larry R. Faulkner**, president emeritus of the University of Texas at Austin and chair of the National Math Panel, and **Francis (Skip) Fennell**, president of the National Council of Teachers of Mathematics and a member of the panel, giving an up-to-the-minute report on the panel’s deliberations, and will provide an opportunity for the mathematics community to learn and ask questions about this important initiative. Sponsored by the Committee on Education.

MAA Sessions

Keeping Your Research Alive, Friday, 9:30 a.m. to 10:50 a.m., organized by **Brian Birgen**, Wartburg College; **William Higdon**, University of Indianapolis, and **James Hamblin**, Shippensburg University. Aimed at new Ph.D.’s and the young at mathematical heart, this panel will discuss approaches to maintaining an active research agenda in the midst of overwhelming teaching and service demands. Methods for getting undergraduates involved in research and reinvigorating a dormant research agenda will also be discussed. Panelists include **Jean Bee Chan**, Sonoma State University, **Michael J. Dorff**, Brigham Young University, and **Asamoah Nkwanta**, Morgan State University. The session is cosponsored by The Young Mathematicians Network.

Highlighting MAA/Tensor Foundation Projects, Saturday, 9:00 a.m. to 11:00 a.m., organized by **Elizabeth G. Yanik**, Emporia State University, **Jennifer Hontz**, Meredith College, and **Kathleen A. Sullivan**, Seattle University. This poster session is designed to showcase successful programs which have been supported by MAA/Tensor Foundation grants. The objectives of the MAA/Tensor Foundation Program are “to encourage mathematics faculty to

develop projects to increase the participation of women in mathematics and to provide support to project directors." The participants in such programs range in age from university women to high school and middle school girls. It is expected that posters representing a wide variety of programs will be displayed. Possible programming formats include after-school clubs, special conferences, mentoring programs, and summer camps. Those who are in the process of constructing an outreach program are especially encouraged to attend this session to acquire valuable insights and tips for designing and implementing a mathematics outreach project. Applications should be submitted to **Betsy Yanik**, yanikeli@emporia.edu, by Friday, December 8, 2006.

SIGMAA on Mathematical and Computational Biology Business Meeting and Reception, Saturday, 5:45 p.m. to 7:00 p.m., organized by **Eric S. Marland**, Appalachian State University.

SIGMAA on Statistics Education Business Meeting, Saturday, 5:45 p.m. to 7:00 p.m., organized by **Ginger Holmes Rowell**, Middle Tennessee State University.

MathNerds, Moore Method, and Mathematics Education: What Do They Have in Common?, Monday, 1:00 to 2:20 p.m., organized by **W. Ted Mahavier**, Lamar University, and **Laurie O. Cavey**, James Madison University. Through support from the Educational Advancement Foundation, the Meadows Foundation, and the Texas Education Agency, MathNerds has created custom software to link university mathematics education classes with school districts in a way to facilitate training future teachers in the pedagogy of inquiry-based instruction which is the heart of the Moore Method and the MathNerds philosophy. School district students submit questions through the MathNerds system which are routed to students in university classes. These students respond under the guidance of both a mathematics educator and a mathematician, thereby addressing precisely the types of questions that their future students may ask. By learning the MathNerds philosophy for responding to questions, future teachers learn strategies that encourage students to develop deeper understanding of the underlying mathematical principles, thus enabling the students to become better problem solvers. Panelists include **Terry McCabe**, Texas State University, **G. Edgar Parker**, James Madison University, **Hiroko Warshauer**, **Max Warshauer**, and **Alexander White**, Texas State University; and **Laurie O. Cavey**.

Knowing Mathematics for Teaching: Issues in Assessment and Teacher Preparation, Monday, 1:00 p.m. to 2:20 p.m., organized by **Joan Ferrini-Mundy** and **Raven McCrory**, Michigan State University. Interest in teachers' knowledge for teaching mathematics has grown in recent years, prompted by the CBMS report *The Mathematical Education of Teachers*; the National Academies' *Adding it Up*, and the disappointing results from national and international assessments of student achievement in mathematics. It is widely believed that teachers' mathematical knowledge is an important factor in their ability to promote student learning, but the parameters of that knowledge are

not well understood. Recent research at Michigan State University and elsewhere has looked at this problem in new ways, attempting to develop systematic approaches both to preparing teachers to teach mathematics and to assessing teachers' mathematical knowledge. In this session, we present methods and results from five projects at Michigan State University that are investigating these issues: "Knowing Mathematics for Teaching Algebra Project", **Joan Ferrini-Mundy**; "The Mathematical Education of Elementary Teachers Project", **Raven McCrory**; "Teachers for a New Era", **Sharon Senk**; "Preliminary Teacher Education Study", **William Schmidt**; "PROM/SE Math Science Partnership", **Gail Burrill**. For each project, a short summary of methods and results to date will be presented, followed by comments from discussants, and questions and feedback from the audience.

Activities of Other Organizations

Association for Women in Mathematics

The panel discussion on Wednesday afternoon is titled **Women Advancing to Leadership: When and How**, organized and moderated by **Barbara L. Keyfitz**, The Fields Institute and University of Houston. The presenters include **Lisa Fauci**, Tulane University, Department of Mathematics; **Cathy B. Kessel**, mathematics education consultant, Berkeley, CA; **Johanna Levelt Sengers**, NIST scientist emeritus; **Joan R. Leitzel**, University of New Hampshire, president emerita; and **Carolyn R. Mahoney**, Lincoln University, president.

National Association of Mathematicians

The Cox-Talbot Address will be given on Sunday evening by **Scott Williams**, SUNY Buffalo, on "*Why mathematicians of the Africa diaspora?*".

The panel discussion on Monday morning is titled **HBCUs Prepare to Reform College Algebra Courses**, and is organized and moderated by **Dennis Davenport**, U.S. Military Academy.

The Claytor-Woodward Lecture will be given on Monday afternoon by **Nathaniel Whitaker**, University of Massachusetts at Amherst, on *Some mathematical models for modeling blood flow in the kidney*.

Social Events

Association for Symbolic Logic Reception, Sunday, 5:30 p.m. to 7:00 p.m. All are welcome at this open reception.

Brigham Young University Mathematics Alumni and Friends Reception, Saturday 6:00 p.m. to 7:00 p.m. All friends and alumni of BYU are invited to attend. Please contact **Michael Dorff** at mdorff@math.byu.edu for more information.

Budapest Semesters in Mathematics Program, Saturday, 6:00 p.m. to 8:00 p.m. There will again be a reception/reunion for all BSM alumni (and their families), future BSM participants and their parents, BSM Regional Representatives, etc. Also be sure to visit us in the exhibit hall.

NSA Women in Mathematics Society Networking Session, Saturday, 6:00 p.m. to 8:00 p.m. Everyone is invited

to this annual session. Please stop by the NSA booths (#501 and #503) for additional information and the exact session location.

New Mexico State University Reception, Saturday, 5:45 p.m. to 7:45 p.m. All members and friends are invited. Please join us for refreshments and conversation.

Davidson, North Carolina

Davidson College

March 3–4, 2007

Saturday – Sunday

Meeting #1024

Southeastern Section

Associate secretary: Matthew Miller

Announcement issue of *Notices*: January 2007

Program first available on AMS website: January 18, 2007

Program issue of electronic *Notices*: March 2007

Issue of *Abstracts*: Volume 28, Issue 2

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions:
November 14, 2006

For abstracts: January 9, 2007

Invited Addresses

Nigel Boston, University of South Carolina and University of Wisconsin, Madison, *Novel applications of algebra to engineering*.

Chaim Goodman-Strauss, University of Arkansas at Fayetteville, *Growth, aperiodicity, and undecidability*.

Andrew J. Granville, University of Montreal, *Title to be announced* (Erdős Memorial Lecture).

Alex Iosevich, University of Missouri-Columbia, *Analysis, combinatorics, and arithmetic of incidence theory*.

Shrawan Kumar, University of North Carolina, *Eigenvalue problem for Hermitian matrices and its generalization to arbitrary reductive groups*.

Special Sessions

Algebraic and Extremal Combinatorics (Code: SS 7A), **Gábor Hetyei**, University of North Carolina-Charlotte, and **László A. Székely**, University of South Carolina.

Applicable Algebra (Code: SS 12A), **Nigel Boston**, University of South Carolina, and **Hiren Maharaj**, Clemson University.

Between Harmonic Analysis, Number Theory, and Combinatorics (Code: SS 1A), **Alex Iosevich**, University of Missouri-Columbia, **Michael T. Lacey**, Georgia Institute of Technology, and **Konstantin Oskolkov**, University of South Carolina.

Commutative Algebra and Algebraic Geometry (Code: SS 6A), **Florian Enescu**, Georgia State University, and **Andrew R. Kustin** and **Adela N. Vraciu**, University of South Carolina.

Commutative Rings and Monoids (Code: SS 5A), **Evan G. Houston** and **Thomas G. Lucas**, University of North Carolina, Charlotte.

Computational Group Theory (Code: SS 3A), **Arturo Magidin**, University of Louisiana at Lafayette, **Luise Charlotte Kappe**, Binghamton University, and **Robert F. Morse**, University of Evansville.

Computational and Combinatorial Aspects of Tiling and Substitutions (Code: SS 14A), **Chaim Goodman-Strauss**, University of Arkansas at Fayetteville, **Casey Mann**, University of Texas at Tyler, and **Edmund O. Harriss**, Queen Mary University of London.

Dynamical Systems (Code: SS 10A), **Emily B. Gamber**, Santa Fe Institute, **Donna K. Molinek**, Davidson College, and **James S. Wiseman**, Agnes Scott College.

Geometric and Combinatorial Methods in Representation Theory (Code: SS 2A), **Brian Boe** and **William A. Graham**, University of Georgia, and **Kailash C. Misra**, North Carolina State University.

Microlocal Analysis and Partial Differential Equations (in Honor of Michael E. Taylor's 60th Birthday) (Code: SS 11A), **Anna L. Mazzucato**, Pennsylvania State University, and **Martin Dindos**, University of Edinburgh.

Noncommutative Algebra (Code: SS 8A), **Ellen E. Kirkman** and **James J. Kuzmanovich**, Wake Forest University, and **James Zhang**, University of Washington.

Recent Applications of Numerical Linear Algebra (Code: SS 13A), **Timothy P. Chartier**, Davidson College, and **Amy Langville**, College of Charleston.

Representation Theory and Galois Cohomology in Number Theory (Code: SS 4A), **Ján Mináč**, University of Western Ontario, and **John R. Swallow**, Davidson College.

Stochastic Analysis and Applications (Code: SS 9A), **Armando Arciniéga**, University of Texas at San Antonio.

Oxford, Ohio

Miami University

March 16–17, 2007

Friday – Saturday

Meeting #1025

Central Section

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: January 2007

Program first available on AMS website: February 1, 2007

Program issue of electronic *Notices*: March 2007

Issue of *Abstracts*: Volume 28, Issue 2

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions:
November 28, 2006
For abstracts: January 23, 2007

Invited Addresses

Sergey Fomin, University of Michigan, *Title to be announced*.

Naichung Conan Leung, University of Minnesota, *Title to be announced*.

Emil J. Straube, Texas A&M University, *Title to be announced*.

Shouhong Wang, Indiana University, *Title to be announced*.

Special Sessions

Combinatorial and Geometric Group Theory (Code: SS 5A), **John Donnelly**, Mount Union College, and **Daniel Farley**, Mathematisches Institut Einsteinstrasse and Miami University.

Complex Dynamics and Complex Function Theory (Code: SS 9A), **Stephanie Edwards**, University of Dayton, and **Rich Lawrence Stankewitz**, Ball State University.

Finite Geometry and Combinatorics (Code: SS 3A), **Mark A. Miller**, Marietta College.

Geometric Topology (Code: SS 2A), **Jean-Francois LaFont**, Ohio State University, and **Ivonne J. Ortiz**, Miami University.

Graph Theory (Code: SS 4A), **Tao Jiang**, **Zevi Miller**, and **Dan Pritikin**, Miami University.

Large Cardinals in Set Theory (Code: SS 1A), **Paul B. Larson**, Miami University, **Justin Tatch Moore**, Boise State University, and **Ernest Schimmerling**, Carnegie Mellon University.

Noncommutative Algebraic Geometry (Code: SS 7A), **Dennis S. Keeler**, Miami University, **Rajesh Shrikrishna Kulkarni**, Michigan State University, and **Daniel S. Rogalski**, University of California San Diego.

Optimization Theory and Applications (Code: SS 11A), **Olga Brezhneva** and **Doug E. Ward**, Miami University.

PDE Methods in Several Complex Variables (Code: SS 6A), **Jeffery D. McNeal**, Ohio State University, and **Emil J. Straube**, Texas A&M University.

Quantum Topology (Code: SS 13A), **Sergei Chmutov** and **Thomas Kerler**, Ohio State University.

Random Matrices and Non-commutative Probability (Code: SS 12A), **Włodzimierz Bryc**, University of Cincinnati, and **Narcisse J. Randrianantoanina**, Miami University.

Spectral Theory, Orbifolds, Symplectic Reduction and Quantization (Code: SS 15A), **William Kirwin**, University of Notre Dame, and **Christopher Seaton**, Rhodes College.

Theoretical and Numerical Issues in Fluid Dynamics (Code: SS 14A), **Jie Shen**, Purdue University, and **Shouhong Wang**, Indiana University.

Time Scales: Theory and Applications (Code: SS 10A), **Ferhan M. Atici**, Western Kentucky University, and **Paul W. Eloe**, University of Dayton.

Vector Measures, Banach Spaces and Applications (Code: SS 8A), **Patrick N. Dowling**, Miami University, and **Christopher J. Lennard**, University of Pittsburgh.

Hoboken, New Jersey

Stevens Institute of Technology

April 14–15, 2007

Saturday – Sunday

Meeting #1026

Eastern Section

Associate secretary: Lesley M. Sibner

Announcement issue of *Notices*: February 2007

Program first available on AMS website: March 8, 2007

Program issue of electronic *Notices*: April 2007

Issue of *Abstracts*: Volume 28, Issue 2

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions:
December 26, 2006

For abstracts: February 27, 2007

Invited Addresses

Neal Koblitz, University of Washington, *Title to be announced*.

Florian Luca, Universidad Nacional Autónoma de México, *Title to be announced*.

Natasa Pavlovic, Princeton University, *Title to be announced*.

Elisabeth Werner, Case Western Reserve University, *Title to be announced*.

Special Sessions

Affine Invariants, Randomness, and Approximation in Convex Geometry (Code: SS 2A), **Elisabeth Werner**, Case Western Reserve University, and **Artem Zvavitch**, Kent State University.

Automorphic Forms and Arithmetic Geometry (Code: SS 5A), **Gautam Chinta**, City College of New York, and **Paul E. Gunnells**, University of Massachusetts, Amherst.

Combinatorial Algebraic Geometry (Code: SS 9A), **Angela C. Gibney**, University of Pennsylvania, and **Diane Maclagan**, Rutgers University.

Convex Sets (Code: SS 1A), **David Larman**, University College London, and **Valeriu Soltan**, George Mason University.

Differential Algebra (Code: SS 4A), **Phyllis J. Cassidy**, Smith College and The City College of CUNY, **Richard C. Churchill**, Hunter College and The Graduate Center of CUNY, **Li Guo** and **William F. Keigher**, Rutgers University at Newark, and **Jerald J. Kovacic** and **William Sit**, The City College of CUNY.

Fourier Analysis and Convexity (Code: SS 3A), **Alexander Koldobsky**, University of Missouri Columbia, and **Dmitry Ryabogin**, Kansas State University.

Graph Theory and Combinatorics (Code: SS 11A), **Daniel J. Gross**, **Nathan W. Kahl**, and **John T. Sacoman**, Seton Hall University, and **Charles L. Suffel**, Stevens Institute of Technology.

History of Mathematics on Leonhard Euler's Tercentenary (Code: SS 8A), **Patricia R. Allaire**, Queensborough Community College, CUNY, and **Robert E. Bradley** and **Lee J. Stemkoski**, Adelphi University.

Languages and Groups (Code: SS 6A), **Sean Cleary**, The City College of New York and CUNY Graduate Center, **Murray J. Elder**, Stevens Institute of Technology, and **Gretchen Osheimer**, Hofstra University.

Mathematical Aspects of Cryptography (Code: SS 7A), **Robert H. Gilman**, Stevens Institute of Technology, **Neal I. Koblitz**, University of Washington, and **Susanne Wetzel**, Stevens Institute of Technology.

Nonlinear Waves in Dissipative/Dispersive Media (Code: SS 12A), **Keith S. Promislow**, Michigan State University, and **Yi Li**, Stevens Institute of Technology.

Number Theory (Code: SS 10A), **Florian Luca**, Universidad Nacional Autónoma de México, and **Allison M. Pacelli**, Williams College.

Tucson, Arizona

University of Arizona

April 21–22, 2007

Saturday – Sunday

Meeting #1027

Western Section

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: February 2007

Program first available on AMS website: March 8, 2007

Program issue of electronic *Notices*: April 2007

Issue of *Abstracts*: Volume 28, Issue 2

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions:
January 2, 2007

For abstracts: February 27, 2007

Invited Addresses

Liliana Borcea, Rice University, *Title to be announced.*

James Cushing, University of Arizona, Tucson, *Title to be announced.*

Hans Lindblad, University of California, San Diego, *Title to be announced.*

Vinayak Vatsal, University of British Columbia, Vancouver, *Title to be announced.*

Special Sessions

Advances in Spectral Theory of Operators (Code: SS 12A), **Roger Roybal**, California State University, Channel Islands, and **Michael D. Wills**, Weber State University.

Algebraic Combinatorics (Code: SS 14A), **Helene Barcelo** and **Susanna Fishel**, Arizona State University.

Automorphisms of Curves (Code: SS 4A), **Aaron D. Wootton**, University of Portland, **Anthony Weaver**, Bronx Community College, and **S. Allen Broughton**, Rose-Hulman Institute of Technology.

Graph Theory and Combinatorics (Code: SS 9A), **Sebastian M. Cioaba**, University of California at San Diego, and **Joshua Cooper**, University of South Carolina.

Inverse Problems for Wave Propagation (Code: SS 2A), **Liliana Borcea**, Rice University.

Mathematical Modeling in Biology and Medicine (Code: SS 3A), **Carlos Castillo-Chavez**, **Yang Kuang**, **Hal L. Smith**, and **Horst R. Thieme**, Arizona State University.

Moduli Spaces and Invariant Theory (Code: SS 7A), **Philip Foth** and **Yi Hu**, University of Arizona.

New Developments and Directions in Random Matrix Theory (Code: SS 13A), **Peter David Miller**, University of Michigan, and **Estelle Basor**, California Polytechnic State University.

Number Theory in the Southwest (Code: SS 10A), **Dinesh S. Thakur** and **Douglas L. Ulmer**, University of Arizona.

Operator Algebras (Code: SS 6A), **Steven P. Kaliszewski**, **Jack Spielberg**, and **John C. Quigg**, Arizona State University.

Partial Differential Equations and Geometric Analysis (Code: SS 11A), **Sunhi Choi**, **Lennie Friedlander**, and **David Alan Glickenstein**, University of Arizona.

Representations of Algebras (Code: SS 1A), **Frauke Maria Bleher**, University of Iowa, **Birge K. Huisgen-Zimmermann**, University of California Santa Barbara, and **Dan Zacharia**, Syracuse University.

Special Functions and Orthogonal Polynomials (Code: SS 15A), **Diego Dominici**, State University of New York at New Paltz, and **Robert S. Maier**, University of Arizona.

Spectral Analysis on Singular and Noncompact Manifolds (Code: SS 8A), **Juan Bautista Gil** and **Thomas Krainer**, Pennsylvania State University.

Subjects In and Around Fluid Dynamics (Code: SS 5A), **Robert Owczarek**, Los Alamos National Laboratory, and **Mikhail Stepanov**, University of Arizona.

Zacatecas, Mexico

Universidad Autónoma de Zacatecas

May 23–26, 2007

Wednesday – Saturday

Meeting #1028

Seventh Joint International Meeting of the AMS and the Sociedad Matematica Mexicana.

Associate secretary: Matthew Miller

Announcement issue of *Notices*: February 2007

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

Warsaw, Poland

University of Warsaw

July 31 – August 3, 2007

Tuesday – Friday

Meeting #1029

First Joint International Meeting between the AMS and the Polish Mathematical Society

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: To be announced

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

Invited Addresses

Henryk Iwaniec, Rutgers University, *Title to be announced.*

Tomasz J. Luczak, Adam Mickiewicz University, *Title to be announced.*

Tomasz Mrowka, Massachusetts Institute of Technology, *Title to be announced.*

Ludomir Newelski, University of Wroclaw, *Title to be announced.*

Madhu Sudan, Massachusetts Institute of Technology, *Title to be announced.*

Anna Zdunik, Warsaw University, *Title to be announced.*

Special Sessions

Complex Dynamics, **Robert Devaney**, Boston University, **Jane N. Hawkins**, University of North Carolina, and **Janina Kotus**, Warsaw University of Technology.

Dynamical Systems, **Steven Hurder**, University of Illinois at Chicago, **Michal Misiurewicz**, Indiana University-Purdue University Indianapolis, and **Pawel Walczak**, University of Lodz.

Geometric Applications of Homotopy Theory, **Yuli B. Rudyak**, University of Florida, **Boguslaw Hajduk**, Warsaw University, **Jaroslav Kedra**, University of Aberdeen, and **Aleksy Tralle**, The College of Economics & Comp Science.

Geometric Group Theory, **Mladen Bestvina**, University of Utah, **Tadeusz Januszkiewicz**, Ohio State University, and **Jacek Swiatkowski**, University of Wroclaw.

Partial Differential Equations of Evolution Type, **Susan J. Friedlander**, University of Illinois at Chicago, and **Grzegorz A. Karch**, University of Wroclaw.

Chicago, Illinois

DePaul University

October 5–6, 2007

Friday – Saturday

Meeting #1030

Central Section

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: August 2007

Program first available on AMS website: August 16, 2007

Program issue of electronic *Notices*: October 2007

Issue of *Abstracts*: Volume 28, Issue 3

Deadlines

For organizers: March 6, 2007

For consideration of contributed papers in Special Sessions:
June 19, 2007

For abstracts: August 7, 2007

Invited Addresses

Martin Golubitsky, University of Houston, *Title to be announced.*

Matthew J Gursky, University of Notre Dame, *Title to be announced.*

Alex Iosevich, University of Missouri, *Title to be announced.*

David E. Radford, University of Illinois at Chicago, *Title to be announced.*

New Brunswick, New Jersey

Rutgers University-New Brunswick, Busch Campus

October 6–7, 2007

Saturday – Sunday

Meeting #1031

Eastern Section

Associate secretary: Lesley M. Sibner

Announcement issue of *Notices*: August 2007

Program first available on AMS website: August 16, 2007

Program issue of electronic *Notices*: October 2007

Issue of *Abstracts*: Volume 28, Issue 3

Deadlines

For organizers: March 6, 2007

For consideration of contributed papers in Special Sessions:
June 19, 2007

For abstracts: August 7, 2007

Invited Addresses

Sir Roger Penrose, University of Oxford, *Title to be announced* (Einstein Public Lecture in Mathematics).

Special Sessions

Commutative Algebra (Code: SS 4A), **Jooyoun Hong**, University of California Riverside, and **Volmer V. Vasconcelos**, Rutgers University.

Mathematical and Physical Problems in the Foundations of Quantum Mechanics (in Honor of Shelly Goldstein's 60th Birthday) (Code: SS 3A), **Roderich Tumulka** and **Detlef Dürr**, München University, and **Nino Zanghi**, University of Genova.

Partial Differential Equations in Mathematical Physics (in Honor of Shelly Goldstein's 60th Birthday) (Code: SS 2A), **Sagun Chanillo**, **Michael K.-H. Kiessling**, and **Avy Soffer**, Rutgers University.

Probability and Combinatorics (Code: SS 1A), **Jeffrey N. Kahn** and **Van Ha Vu**, Rutgers University.

Albuquerque, New Mexico

University of New Mexico

October 13–14, 2007

Saturday – Sunday

Meeting #1032

Western Section

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: August 2007

Program first available on AMS website: August 30, 2007

Program issue of electronic *Notices*: October 2007

Issue of *Abstracts*: Volume 28, Issue 4

Deadlines

For organizers: March 13, 2007

For consideration of contributed papers in Special Sessions:
June 26, 2007

For abstracts: August 21, 2007

Invited Addresses

Emmanuel Candes, California Institute of Technology, *Title to be announced*.

Alexander Polischuk, University of Oregon, *Title to be announced*.

Eric Raines, University of California Davis, *Title to be announced*.

William E. Stein, University of California San Diego, *SAGE: Software for Algebra and Geometry Experimentation*.

Murfreesboro, Tennessee

Middle Tennessee State University

November 3–4, 2007

Saturday – Sunday

Meeting #1033

Southeastern Section

Associate secretary: Matthew Miller

Announcement issue of *Notices*: September 2007

Program first available on AMS website: September 20, 2007

Program issue of electronic *Notices*: November 2007

Issue of *Abstracts*: Volume 28, Issue 4

Deadlines

For organizers: April 3, 2007

For consideration of contributed papers in Special Sessions:
July 17, 2007

For abstracts: September 11, 2007

Invited Addresses

Daniel K. Nakano, University of Georgia, *Title to be announced*.

Carla D. Savage, North Carolina State University, *Title to be announced*.

Sergei Tabachnikov, Pennsylvania State University, *Title to be announced*.

Special Sessions

Advances in Algorithmic Methods for Algebraic Structures (Code: SS 3A), **James B. Hart**, Middle Tennessee State University.

Applied Partial Differential Equations (Code: SS 4A), **Yuri A. Melnikov**, Middle Tennessee State University.

Differential Equations and Dynamical Systems (Code: SS 1A), **Wenzhang Huang** and **Jia Li**, University of Alabama, Huntsville, and **Zachariah Sinkala**, Middle Tennessee State University.

Graph Theory (Code: SS 2A), **Rong Luo**, **Chris Stephens**, and **Xiaoya Zha**, Middle Tennessee State University.

Wellington, New Zealand

To be announced

December 12–15, 2007

Wednesday – Saturday

Meeting #1034

First Joint International Meeting between the AMS and the New Zealand Mathematical Society (NZMS).

Associate secretary: Matthew Miller

Announcement issue of *Notices*: To be announced

Program first available on AMS website: Not applicable

Program issue of electronic *Notices*: Not applicable

Issue of *Abstracts*: Not applicable

Deadlines

For organizers: March 31, 2007

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

For abstracts: To be announced

AMS Special Sessions

Computability Theory, **Rodney G. Downey** and **Noam Greenberg**, Victoria University of Wellington.

Hopf Algebras and Quantum Groups, **M. Susan Montgomery**, University of Southern California, and **Yinhua Zhang**, Victoria University of Wellington.

Infinite-dimensional Groups and Their Actions, **Christopher Atkin**, Victoria University of Wellington, **Greg Hjorth**, University of California Los Angeles/University of Mel-

bourne, **Alica Miller**, University of Louisville, and **Vladimir Pestov**, University of Ottawa.

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

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

New York, New York

Courant Institute of New York University

March 22–23, 2008

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: August 22, 2007

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

For abstracts: To be announced

Baton Rouge, Louisiana

Louisiana State University, Baton Rouge

March 28–30, 2008

Friday – 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, 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

Central Section

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: To be announced

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: To be announced

Deadlines

For organizers: September 4, 2007

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

For abstracts: To be announced

Claremont, California

Claremont McKenna College

May 3–4, 2008

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: October 4, 2007

For consideration of contributed papers in Special Sessions:

To be announced

For abstracts: To be announced

Rio de Janeiro, Brazil

*Instituto Nacional de Matemática Pura e
Aplicada (IMPA)*

June 4–7, 2008

Wednesday – Saturday

*First Joint International Meeting between the AMS and the
Sociedade Brasileira de Matemática.*

Associate secretary: Lesley M. Sibner

Announcement issue of *Notices*: To be announced

Program first available on AMS website: Not applicable

Program issue of electronic *Notices*: Not applicable

Issue of *Abstracts*: Not applicable

Deadlines

For organizers: To be announced

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

For abstracts: To be announced

Vancouver, Canada

*University of British Columbia and the Pa-
cific Institute of Mathematical Sciences
(PIMS)*

October 4–5, 2008

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 9, 2008

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

For abstracts: To be announced

Middletown, Connecticut

Wesleyan University

October 11–12, 2008

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: March 11, 2008

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

For abstracts: To be announced

Huntsville, Alabama

University of Alabama, Huntsville

October 24–26, 2008

Friday – 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: March 24, 2008

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

For abstracts: To be announced

Shanghai, People's Republic of China

Fudan University

December 17–21, 2008

Wednesday – Sunday

*First Joint International Meeting Between the AMS and the
Shanghai Mathematical Society*

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: To be announced

Program first available on AMS website: Not applicable

Program issue of electronic *Notices*: Not applicable

Issue of *Abstracts*: Not applicable

Deadlines

For organizers: To be announced

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 Mathe-
matical 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: 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

Urbana, Illinois

University of Illinois at Urbana-Champaign

March 27–29, 2009

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: August 29, 2008

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

For abstracts: To be announced

Raleigh, North Carolina

North Carolina State University

April 4–5, 2009

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 4, 2008

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

For abstracts: To be announced

San Francisco, California

San Francisco State University

April 25–26, 2009

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 25, 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), 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

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: 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 1, 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: Lesley M. Sibner

Announcement issue of *Notices*: To be announced

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: To be announced

Deadlines

For organizers: April 1, 2012

For consideration of contributed papers in Special Sessions:

To be announced

For abstracts: To be announced