

# 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](http://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, *On some connections between finite groups and 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 **Billür 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**, Baylor University.

*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/amsmtg/sectional.html](http://www.ams.org/amsmtg/sectional.html).*

## Invited Addresses

**Xiuxiong Chen**, University of Wisconsin, Madison, *Foliation by holomorphic discs and its application in Kähler geometry*.

**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**, University of West Georgia.

*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: Expired

*The scientific information listed below may be dated. For the latest information, see [www.ams.org/amsmtg/sectional.html](http://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*, **Lourdes Juan** and **Arne Ledet**, Texas Tech University, and **Andy R. Magid**, University of Oklahoma.

*Differential Geometry and Its Applications*, **Josef F. Dorfmeister**, Munich University of Technology, **Magdalena D. Toda**, Texas Tech University, and **Hongyou Wu**, Northern Illinois University.

*Discrete Groups, Homogeneous Spaces, Rigidity*, **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*, **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*, **David Gilliam** and **W. P. Dayawansa**, Texas Tech University.

*Graph Theory*, **John C. George**, Eastern New Mexico University, and **Walter D. Wallis**, Southern Illinois University at Carbondale.

*Homological Algebra and Its Applications*, **Alex Martsinkovsky**, Northeastern University, and **Mara D. Neusel**, Texas Tech University.

*Invariants of Links and 3-Manifolds*, **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*, **Jay R. Walton**, Texas A&M University, and **Padmanabhan Seshaiyer** and **Akif Ibragimov**, Texas Tech University.

*Real Algebraic Geometry*, **Anatoly Korchagin** and **David Weinberg**, Texas Tech University.

*Recent Advances in Complex Function Theory*, **Brock Williams**, **Roger W. Barnard**, and **Kent Pearce**, Texas Tech University.

*Statistical Image Processing and Analysis and Applications*, **Victor Patrangenaru**, Texas Tech University.

*Theory and Application of Stochastic Differential Equations*, **Edward J. Allen**, Texas Tech University, and **Armando Arciniega**, University of Texas at San Antonio.

*Topology of Continua*, **Wayne Lewis**, Texas Tech University.

*Topology of Dynamical Systems*, **Brian Raines**, Baylor University.

*Undergraduate and Graduate Student Research (and Related Poster Session organized by Ali Khoujmane and Mara D. Neusal, Texas Tech)*, **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: Expired

The scientific information listed below may be dated. For the latest information, see [www.ams.org/amsmtgs/sectional.html](http://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, *Generalized triangle inequalities and their applications*.

**Mihai Putinar**, University of California 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*, **Alexander Yong** and **Allen Knutson**, University of California Berkeley.

*Arithmetic Geometry*, **Adebisi Agboola**, University of California Santa Barbara, and **Cristian Dumitru Popescu**, University of California San Diego.

*Automorphisms of Surfaces*, **Anthony Weaver**, Bronx Community College of the City University of New York, and **Peter Turbek**, Purdue University Calumet.

*Complexity of Computation and Algorithms*, **Mark Burgin**, University of California Los Angeles.

*Curvature in Group Theory and Combinatorics*, **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*, **Eugene M. Izhikevich**, The Neurosciences Institute.

*Function Theory*, **Mihai Putinar** and **Stephan R. Garcia**, University of California Santa Barbara.

*Geometric Methods in Three Dimensions*, **Daryl Cooper**, **David Darren Long**, and **Martin G. Scharlemann**, University of California Santa Barbara.

*Geometry and Physics*, **Xianzhe Dai**, University of California Santa Barbara, and **Zhiqin Lu**, University of California Irvine.

*History of Mathematics*, **Shawnee L. McMurrin**, California State University, San Bernardino, and **James J. Tattersall**, Providence College.

*Noncommutative Geometry and Algebra*, **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*, **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)*, **Alex Martsinkovsky**, 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*, **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](http://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

**Hélène 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*.

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

### Special Sessions

*Affine Algebraic Geometry*, **Shreeram Abhyankar**, Purdue University, **Hubert Flenner**, Ruhr University Bochum, and **Makar Limanov**, Wayne State University.

*Algebraic Combinatorics*, **Patricia Hersh**, Indiana University-Bloomington, **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**, The 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 (including a special workshop on Mathematics and War)*, **Thomas W. Archibald**, Acadia University, **John H. McCleary**, Vassar College, **Moritz Eppe**, 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*, **M. Susan Montgomery**, University of Southern California, and **Hans-Jürgen Schneider**, University of Munich.

*Mathematical Physics*, **Laszlo Erdős**, Mathematisches Institut der Albert Ludwigs Universität, and **Michael P. Loss**, Georgia Institute of Technology.

*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 Balser**, 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 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: Algebraic Approaches to Preconditioning*, **Heike Fassbender**, Technical University of Braunschweig, and **Andreas Frommer**, University of Wuppertal.

*Topics in Applied Mathematics: Control Theory*, **Peter Benner**, Technical University of Chemnitz.

*Topics in Applied Mathematics: Mathematical Problems of Mechanics*, **Friedrich Pfeiffer** and **Jürgen K. Scheurle**, Technical University of Munich.

*Topics in Applied Mathematics: Multiscale Problems, Oscillations in Partial Differential Equations, and Homogenization*, **Alexander Mielke**, University of Hannover.

*Topics in Applied Mathematics: Numerical Partial Differential Equations/Equations with Inherent Conditions*, **Rolf Jeltsch**, Eidgen Technische Hochschule, **Maria Lukacova-Medvidova**, Technical University of Hamburg, and **J. Mac Hyman**, Los Alamos National Laboratory.

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

# Annandale-on-Hudson, New York

*Bard College*

**October 8–9, 2005**

*Saturday – Sunday*

## Meeting #1009

Eastern Section

Associate secretary: Lesley M. Sibner

Announcement issue of *Notices*: August 2005

Program first available on AMS website: August 25, 2005

Program issue of electronic *Notices*: October 2005

Issue of *Abstracts*: Volume 26, Issue 4

## Deadlines

For organizers: Expired

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

For abstracts: August 16, 2005

*The scientific information listed below may be dated. For the latest information, see [www.ams.org/amsmtgs/sectional.html](http://www.ams.org/amsmtgs/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.

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

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

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

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

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

# 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/amsmtgs/sectional.html](http://www.ams.org/amsmtgs/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/amsmtgs/sectional.html](http://www.ams.org/amsmtgs/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.

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

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

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

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

*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](http://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

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

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

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

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

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

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

## 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*: June 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: Matthew Miller

Announcement issue of *Notices*: October 2005

Program first available on AMS website: November 1, 2005

Program issue of electronic *Notices*: January 2006

Issue of *Abstracts*: Volume 27, Issue 1

### Deadlines

For organizers: April 1, 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

### Meeting #1015

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

### Meeting #1016

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

### Meeting #1017

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*

### Meeting #1018

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 30, 2005  
 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](http://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.

## Cincinnati, Ohio

*University of Cincinnati*

**October 21–22, 2006**

*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: March 21, 2006

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

## 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 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 1, 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 1, 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 1, 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 Center West and the San Francisco Marriott*

**January 6–9, 2010**

*Wednesday – Saturday*

*Joint Mathematics Meetings, including the 116th Annual Meeting of the AMS, 93rd Annual Meeting of the Mathematical Association of America (MAA), annual meetings of the Association for Women in Mathematics (AWM) and the National Association of Mathematicians (NAM), and the winter meeting of the Association for Symbolic Logic (ASL).*

Associate secretary: 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 1, 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 and  
Sheraton New Orleans Hotel*

**January 5–8, 2011**

*Wednesday – Saturday*

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

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: October 2010

Program first available on AMS website: November 1, 2010

Program issue of electronic *Notices*: January 2011

Issue of *Abstracts*: Volume 32, Issue 1

## Deadlines

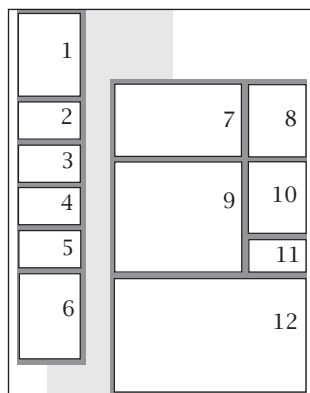
For organizers: April 2, 2011

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

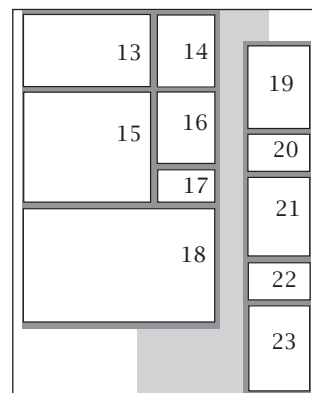
For abstracts: To be announced

For summaries of papers to MAA organizers: To be  
announced

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## Page 397

1. Keith Conrad (left) and Blumenthal Prize winner Manjul Barghava on right, following Joint Prize Session.
2. Exhibits area.
3. Directory of Registrants board.
4. Left to right: AMS associate secretary Michel Lapidus, Benoit Mandelbrot, *Notices* editor Andy Magid.
5. AMS Colloquium lecturer Robert K. Lazarsfeld.
6. Who Wants to Be a Mathematician game.
7. Mara Neusel (left) and AMS executive director John Ewing in Exhibits area.
8. Mathematician Peter Lax.
9. Origami session.
10. AMS president David Eisenbud, MAA secretary Martha Siegel, and MAA president Ron Graham officially opening the Exhibits.
11. Math in the Arts exhibit.
12. Audience in large lecture hall.
13. Zome Tool exhibit.
14. MAA Invited Address speaker Ravi D. Vakil.
15. Email Center.
16. Chatting between sessions.
17. Exhibits area.
18. Crowd entering Exhibits after opening ceremony.
19. Special Session speaker Martin Davis.
20. *Notices* deputy editor Allyn Jackson and AMS president elect James Arthur.
21. Studying the program.
22. Richard Guy (left) and JPBM Communication Award winner Barry Cipra.
23. MAA executive director Tina Straley (left) and MAA associate secretary James Tattersall.

Photographs by Mike Breen, Sandy Frost, Allyn Jackson, Gil Poulin, Michael Reeves Photography, and Diane Saxe.