# Meetings & Conferences of the AMS

## Athens, Ohio

*Ohio University*

**March 26–27, 2004**
*Friday – Saturday*

**Meeting #995**
Central Section
Associate secretary: Susan J. Friedlander
Announcement issue of *Notices*: January 2004
Program first available on AMS website: February 12, 2004
Program issue of electronic *Notices*: March 2004
Issue of *Abstracts*: Volume 25, Issue 2

**Deadlines**

For organizers: Expired
For consideration of contributed papers in Special Sessions: Expired
For abstracts: Expired

**Invited Addresses**

**Mario Bonk**, University of Michigan, *Dynamics on fractal spheres.*

**Irene Gamba**, University of Texas at Austin, *On the Boltzmann equation for inelastic interactions.*

**Rostislav Ivanovich Grigorchuk**, Texas A&M University, *Kolmogorov complexity, growth and algorithmic problems.*

**Eric G. Zaslow**, Northwestern University, *Mirror symmetry: An orientation.*

**Special Sessions**

*Algebraic Coding Theory*, **Marcus Greferath**, San Diego State University, and **Sergio R. López-Permouth**, Ohio University.

*Differential Equations and Control Theory*, **Sergiu Aizicovici** and **Nicolai Pavel**, Ohio University.

*Discrete Structures and Complex Dynamics*, **Mario Bonk** and **Lukas Geyer**, University of Michigan.

*Dynamical Systems*, **Patrick D. McSwiggen**, University of Cincinnati, and **Todd Young**, Ohio University.

*Fast Algorithms in Numerical Analysis*, **George Fann**, Oak Ridge National Laboratory, and **Martin J. Mohlenkamp**, Ohio University.

*Groups, Representations, and Characters*, **Mark Lewis**, Kent State University, and **Thomas R. Wolf**, Ohio University.

*Integrable Systems in Mathematics and Physics*, **Michael Gekhtman**, University of Notre Dame, and **Luen Chau Li**, Pennsylvania State University.

*Linear Algebra and Its Applications*, **S. K. Jain**, Ohio University, and **Michael Neumann**, University of Connecticut.

*Probabilistic and Asymptotic Aspects of Group Theory*, **Rostislav Grigorchuk**, Texas A&M University, **Mark Sapir**, Vanderbilt University, and **Zoran Sunik**, Texas A&M University.

*Recent Trends in Infinite-Dimensional Banach Space Theory*, **Beata Randrianantoanina** and **Narcisse Randrianantoanina**, Miami University.

*Statistics and Probability*, **Maria Rizzo** and **Vladimir Vinogradov**, Ohio University.

*Theory of Rings and Modules*, **Nguyen Viet Dung**, **Franco Guerriero**, **Dinh Van Huynh**, and **Pramod Kanwar**, Ohio University.

*Wavelets, Other Multiscale Methods and Their Applications*, **En-Bing Lin**, University of Toledo, and **Xiaoping Annie Shen**, Ohio University.

# Los Angeles, California

## *University of Southern California*

### April 3–4, 2004
*Saturday – Sunday*

### Meeting #996
Western Section
Associate secretary: Michel L. Lapidus
Announcement issue of *Notices*: February 2004
Program first available on AMS website: February 19, 2004
Program issue of electronic *Notices*: April 2004
Issue of *Abstracts*: Volume 25, Issue 2

### Deadlines
For organizers: Expired
For consideration of contributed papers in Special Sessions: Expired
For abstracts: Expired

### Invited Addresses

**Dan Boneh**, Stanford University, *Applications of bilinear maps to cryptography*.

**Maria Elena Schonbek**, University of California Santa Cruz, *Fluid equations and their asymptotic behavior*.

**Paul Smith**, University of Washington, *Noncommutative algebraic geometry*.

**Christoph Martin Thiele**, University of California Los Angeles, *Some basic questions in nonlinear Fourier analysis*.

### Special Sessions

*Arithmetic Geometry and K-Theory*, **Thomas Geisser** and **Wayne Raskind**, University of Southern California.

*Complex and Hyperbolic Geometry*, **Francis Bonahon** and **Dragomir Saric**, University of Southern California.

*Contact and Symplectic Geometry*, **Dragomir Dragnev**, **Ko Honda**, and **Sang Seon Kim**, University of Southern California.

*Dynamic Equations on Time Scales: Theory and Applications*, **John M. Davis** and **Johnny Henderson**, Baylor University, and **Qin Sheng**, University of Dayton.

*Financial Mathematics*, **Jaksa Cvitanic** and **Janfeng Zhang**, University of Southern California.

*Fluid Problems and Related Questions*, **Maria Elena Schonbek**, University of California Santa Cruz, and **Yuxi Zheng**, Pennsylvania State University.

*Modern Problems of Integration: Theory and Applications*, **Mark Burgin**, University of California Los Angeles.

*Noncommutative Algebra and Algebraic Geometry*, **Lance W. Small**, University of California San Diego, and **Paul Smith**, University of Washington.

*Nonlinear and Harmonic Analysis*, **Rowan Killip** and **Christoph Martin Thiele**, University of California Los Angeles.

*Partial Differential Equations*, **Igor Kukavica**, University of Southern California, and **Qi S. Zhang**, University of California Riverside.

*Recent Advances in the Mathematical Analysis of Geophysical and Hydrodynamical Models*, **Mohammed Ziane**, University of Southern California.

*Smooth Ergodic Theory and Related Topics*, **Nicolai Haydn**, University of Southern California, and **Huyi Hu**, Michigan State University.

### Registration and Meeting Information (Updated)

The registration desk will be open on Saturday, April 3, from 7:30 a.m. until 4:00 p.m. and Sunday, April 4, from 8:00 a.m. until noon.

# Lawrenceville, New Jersey

## *Rider University*

### April 17–18, 2004
*Saturday – Sunday*

### Meeting #997
Eastern Section
Associate secretary: Lesley M. Sibner
Announcement issue of *Notices*: February 2004
Program first available on AMS website: March 4, 2004
Program issue of electronic *Notices*: April 2004
Issue of *Abstracts*: Volume 25, Issue 3

### Deadlines
For organizers: Expired
For consideration of contributed papers in Special Sessions: Expired
For abstracts: Expired

### Invited Addresses

**Sylvia Serfaty**, New York University-Courant Institute, *Analysis of vortices in the magnetic Ginzburg-Landau model*.

**Dennis P. Sullivan**, Graduate Center of CUNY and SUNY at Stony Brook, *Poincaré duality, free loop space, and strings*.

**Wim F. Sweldens**, Bell Laboratories, *Title to be announced.*

**Gaoyong Zhang**, Polytechnic University, *Affine isoperimetric inequalities.*

## Special Sessions

*Algebraic Geometry and Mirror Symmetry*, **Ciprian Borcea**, Rider University.

*Analytic Convex Geometry*, **Alina Stancu**, Polytechnic University, and **Elisabeth Werner**, Case Western Reserve University.

*Automorphic Forms and Analytic Number Theory*, **Stephen Miller**, Rutgers University, and **Ramin Takloo-Bighash**, Princeton University.

*CR Geometry and Singularities*, **Joseph J. Kohn**, Princeton University, **John P. D'Angelo**, University of Illinois, **Xiaojun Huang**, Rutgers University, and **Andreea Nicoara**, Harvard University.

*Commutative Algebra and Algebraic Geometry*, **Alberto Corso**, University of Kentucky, **Claudia Polini**, University of Notre Dame, and **Wolmer V. Vasconcelos**, Rutgers University.

*Convergence of Riemannian Manifolds*, **Christina Sormani**, Herbert H. Lehman College (CUNY), **Xiaochun Rong**, Rutgers State University, and **Guofang Wei**, University of California Santa Barbara.

*Elliptic Surfaces and Elliptic Fibrations*, **William L. Hoyt**, Rutgers University, **Joseph H. Silverman**, Brown University, and **Charles F. Schwartz**, Rider University.

*Geometry and Arithmetic of Lattices*, **John H. Conway**, Princeton University, and **Derek A. Smith**, Lafayette College.

*Geometry of Protein Modelling*, **Ileana Streinu**, Smith College, and **Jack Snoeyink**, University of North Carolina at Chapel Hill.

*Group Cohomology and Related Topics (in Honor of William Browder's 70th Birthday)*, **Alejandro Adem**, University of Wisconsin, and **Jonathan Pakianathan**, University of Rochester.

*Homotopical Physics*, **James Stasheff**, University of North Carolina, **Thomas J. Lada**, North Carolina State University, and **Alexander A. Voronov**, University of Minnesota.

*Homotopy Theory (in Honor of William Browder's 70th Birthday)*, **Martin Bendersky**, Hunter College, and **Donald Davis**, Lehigh University.

*Strings and Branes*, **Thomas P. Branson**, University of Iowa, and **S. James Gates**, University of Maryland.

*Surgery (in Honor of William Browder's 70th Birthday)*, **Frank S. Quinn**, Virginia Polytechnic Institute & State University.

*Theory of Initial- and Boundary-Value Problems for Some Nonlinear Partial Differential Equations*, **Laihan Luo**, Richard Stockton College of New Jersey.

*Tomography and Integral Geometry*, **Andrew Markoe**, Rider University, and **Eric Todd Quinto**, Tufts University.

*Variational Methods in Classical Mechanics*, **John N. Mather**, Princeton University, and **Vadim Y. Kaloshin**, Institute for Advanced Study.

# Houston, Texas
*Hyatt Regency Houston*

**May 13–15, 2004**
*Thursday – Saturday*

### Meeting #998
*Sixth International Joint Meeting of the AMS and the Sociedad Matemática Mexicana (SMM).*
Associate secretary: John L. Bryant
Announcement issue of *Notices*: February 2004
Program first available on AMS website: March 11, 2004
Program issue of electronic *Notices*: April 2004
Issue of *Abstracts*: Volume 25, Issue 3

### Deadlines
For organizers: Expired
For consideration of contributed papers in Special Sessions: Expired
For abstracts: Expired

### Invited Addresses

**Luchezar Avramov**, University of Nebraska, *Homomorphisms of commutative rings.*

**Persi W. Diaconis**, Stanford University, *Title to be announced.*

**Samuel Gitler**, CINVESTAV, *Title to be announced.*

**Adolfo Sanchez-Valenzuela**, Centro de Investigacion en Matematicas, *Title to be announced.*

**Jose Seade-Kuri**, UNAM, *Knots, fibered links, and singularities.*

**Bernd Sturmfels**, University of California Berkeley, *Tropical geometry* (Erdős Memorial Lecture).

### Special Sessions

*Algebraic Geometry*, **Pedro Luis Del Angel R.**, CIMAT, **Emma Previato**, Boston University, **Frank Sottile**, University of Massachusetts, Amherst, and **Isidro Nieto**, Universidad de San Nicolas Hidalgo.

*Algebraic Topology*, **Miguel A. Xicotencatl**, CINVESTAV, and **Frederick R. Cohen**, University of Rochester.

*Associative Rings*, **Jose Rios Montes**, UNAM, **Maria-Jose Arroyo**, UAM-Iztapalapa, and **Sergio R. López-Permouth**, Ohio University.

*Coding Theory and Cryptography*, **Horacio Tapia-Recillas**, UAM-Iztapalapa, and **Neal I. Koblitz**, University of Washington.

*Complex Analysis and Operator Theory*, **Enrique Ramirez de Arellano**, CINVESTAV, **John E. Fornaess**, University of Michigan, Ann Arbor, and **Norberto Salinas**, University of Kansas.

*Continua Theory and General Topology (in Honor of David Bellamy's 60th Birthday)*, **Janusz J. Charatonik**, UNAM, **Charles L. Hagopian**, California State University, Sacramento, and **Sergio Macias**, UNAM.

*Continuous Distributed Parameter Models in Mathematical Biology*, **William E. Fitzgibbon**, University of Houston, and **Jorge X. Velasco Hernandez**, Instituto Mexicana del Petroleo.

*Curvature and Geodesics*, **David D. W. Bao**, University of Houston, and **Lilia Del Riego**, Universidad Autónoma San Luis Potosi.

*Designing Frames and Wavelets: From Theory to Digitization*, **Peter R. Massopust**, Tuboscope Pipeline Services, and **Manos I. Papadakis**, University of Houston.

*Differential Geometry*, **Raul Quiroga Barranco**, CINVESTAV, and **Alberto Candel**, California State University, Northridge.

*Dynamical Systems*, **Renato Iturriaga**, CIMAT, and **Rafael de la Llave**, University of Texas at Austin.

*Geometric Variational Problems*, **Clara Garza-Hume**, IIMAS, UNAM, and **Michael Wolf** and **Robert M. Hardt**, Rice University.

*Graph Theory and Combinatorics*, **Gelacio Salazar**, IICO, UASLP, **Isidoro Gitler**, CINVESTAV, and **Nathaniel Dean**, Texas Southern University.

*Harmonic and Functional Analysis*, **Salvador Perez-Esteva**, UNAM-Cuernavaca, **Carlos Bosh-Giral**, ITAM, and **Josefina Alvarez**, New Mexico State University.

*Homological Algebra of Commutative Rings*, **Srikanth Iyengar**, University of Nebraska, and **Graham J. Leuschke**, University of Toronto.

*Low Dimensional Topology*, **Victor Nuñez**, CIMAT, and **Luis G. Valdez**, University of Texas, El Paso.

*Mathematical Physics*, **Carlos Villegas-Blas**, UNAM, and **Alejandro Uribe**, University of Michigan, Ann Arbor.

*Mathematical Problems in the Analysis of Synchronous States in Networks*, **Kresimir Josic**, University of Houston, and **Valentin Afraimovich**, IICO-UASLP.

*Nonlinear Analysis*, **Monica Clapp**, UNAM, and **Alfonso Castro**, University of Texas at San Antonio.

*Probability and Stochastic Processes*, **Daniel Hernandez Hernandez**, CIMAT, and **Christian Houdre**, Georgia Institute of Technology.

*Problems and Issues in Electronic Publishing*, **Klaus Kaiser**, University of Houston, **Bernd Wegner**, Technische Universität Berlin, and **Enrique Ramirez de Arellano**, CINVESTAV.

*Representations of Algebras*, **Rita Esther Zuazua Vega**, UNAM, and **Gordana G. Todorov**, Northeastern University.

*Space and Time Decomposition Methods in Computational and Applied Mathematics*, **Roland Glowinski** and **Tsorng-Whay Pan**, University of Houston, and **L. Hector Juarez V.**, UAM-Iztapalapa.

# Nashville, Tennessee
*Vanderbilt University*

## October 16–17, 2004
*Saturday – Sunday*

### Meeting #999
Southeastern Section
Associate secretary: John L. Bryant
Announcement issue of *Notices*: August 2004
Program first available on AMS website: September 2, 2004
Program issue of electronic *Notices*: October 2004
Issue of *Abstracts*: Volume 25, Issue 4

### Deadlines
For organizers: March 16, 2004
For consideration of contributed papers in Special Sessions: June 29, 2004
For abstracts: August 24, 2004

### Invited Addresses
**Ruth M. Charney**, Brandeis University, *Title to be announced*.

**Peter S. Ozsvath**, Columbia University, *Title to be announced*.

**Sorin T. Popa**, University of California Los Angeles, *Title to be announced*.

**Rudi Weikard**, University of Alabama at Birmingham, *Title to be announced*.

# Albuquerque, New Mexico
*University of New Mexico*

## October 16–17, 2004
*Saturday – Sunday*

### Meeting #1000
Western Section
Associate secretary: Michel L. Lapidus
Announcement issue of *Notices*: August 2004
Program first available on AMS website: September 3, 2004
Program issue of electronic *Notices*: October 2004
Issue of *Abstracts*: Volume 25, Issue 4

### Deadlines
For organizers: March 16, 2004
For consideration of contributed papers in Special Sessions: June 29, 2004
For abstracts: August 24, 2004

### Invited Addresses
**Sara C. Billey**, University of Washington, Seattle, *Title to be announced*.

**Peter Ebenfelt**, University of California San Diego, *Title to be announced.*

**Theodore Stanford**, New Mexico State University, *Title to be announced.*

**Craig A. Tracy**, University of California Davis, *Title to be announced.*

## Special Sessions

*Algebraic Geometry* (Code: SS 3A), **Hirotachi Abo** and **Chris Peterson**, Colorado State University.

*Arithmetic Geometry* (Code: SS 6A), **Alexandru Buium** and **Michael J. Nakamaye**, University of New Mexico.

*Categories and Operads in Topology, Geometry, Physics and Other Applications* (Code: SS 5A), **Hanna Ewa Makaruk** and **Robert Michal Owczarek**, Los Alamos National Laboratory, and **Zbigniew Oziewicz**, Universidad Nacional Autónoma de Mexico.

*Financial Mathematics:The Mathematics of Derivative Securities* (Code: SS 4A), **Maria Cristina Mariani**, New Mexico State University, and **Osvaldo Mendez**, University of Texas at El Paso.

*Interactions in Riemannian Geometry* (Code: SS 8A), **Charles P. Boyer** and **Krzysztof Galicki**, University of New Mexico.

*Mathematical Methods in Turbulence* (Code: SS 9A), **Monika Nitsche** and **Vachtang Poutkaradze**, University of New Mexico.

*Multiscale Methods and Sampling in Time-Frequency Analysis* (Code: SS 10A), **Jeffrey Andrew Hogan**, University of Arkansas, and **Joseph D. Lakey**, New Mexico State University.

*Nonlinear Partial Differential Equations Applied to Materials Science* (Code: SS 11A), **Patricia Bauman**, Purdue University, and **Tiziana Giorgi**, New Mexico State University.

*Random Matrix Theory and Growth Processes* (Code: SS 1A), **Craig A. Tracy**, University of California Davis.

*Several Complex Variables and CR Geometry* (Code: SS 2A), **Peter Ebenfelt**, University of California San Diego, and **Marshall A. Whittlesey**, California State University San Marcos.

*Spectral Geometry* (Code: SS 7A), **Ivan G. Avramidi**, New Mexico Institute of Mining and Technology, and **Thomas Patrick Branson**, University of Iowa.

# Evanston, Illinois
*Northwestern University*

## October 23–24, 2004
*Saturday – Sunday*

## Meeting #1001
Central Section
Associate secretary: Susan J. Friedlander
Announcement issue of *Notices*: August 2004

Program first available on AMS website: September 9, 2004
Program issue of electronic *Notices*: October 2004
Issue of *Abstracts*: Volume 25, Issue 4

### Deadlines
For organizers: March 23, 2004
For consideration of contributed papers in Special Sessions: July 7, 2004
For abstracts: August 31, 2004

### Invited Addresses

**Ian Agol**, University of Illinois at Chicago, *Title to be announced.*

**Robert W. Ghrist**, University of Illinois, *Title to be announced.*

**Yuri Manin**, Northwestern University, *Title to be announced.*

**Paul Seidel**, Imperial College-London and University of Chicago, *Title to be announced.*

### Special Sessions

*Algebraic Topology: Interactions with Representation Theory and Algebraic Geometry* (Code: SS 13A), **Paul G. Goerss**, Northwestern University, and **Jesper Kragh Grodal**, University of Chicago.

*Applications of Motives* (Code: SS 18A), **Eric M. Friedlander**, Northwestern University, **Alexander Goncharov**, Brown University, **Mikhail Kapranov**, Yale University, and **Yuri Manin**, Max Planck Institute for Mathematics.

*Codes and Applications* (Code: SS 5A), **William C. Huffman**, Loyola University of Chicago, and **Vera S. Pless**, University of Illinois at Chicago.

*Computability Theory and Applications* (Code: SS 8A), **Robert I. Soare** and **Denis R. Hirschfeldt**, University of Chicago.

*Differential Geometry* (Code: SS 10A), **Anders Ingemar Linner** and **Hongyou Wu**, Northern Illinois University.

*Extremal Combinatorics* (Code: SS 2A), **Dhruv Mubayi** and **Yi Zhao**, University of Illinois at Chicago.

*Fluid Dynamics, Diffusion and Reaction* (Code: SS 4A), **Peter S. Constantin** and **Leonid V. Ryzhik**, University of Chicago.

*Geometric Aspects of the Langlands Program* (Code: SS 17A), **Edward Frenkel**, University of California Berkeley, **Mark Goresky**, Institute for Advanced Study, and **Kari Vilonen**, Northwestern University.

*Geometric Partial Differential Equations* (Code: SS 7A), **Gui-Qiang Chen** and **Jared Wunsch**, Northwestern University.

*Index Theory, Morse Theory, and the Witten Deformation Method* (Code: SS 3A), **Igor Prokhorenkov** and **Ken Richardson**, Texas Christian University.

*Iterated Function Systems and Analysis on Fractals* (Code: SS 12A), **Ka-Sing Lau**, Chinese University of Hong Kong, and **Stephen S.-T. Yau**, University of Illinois at Chicago.

*Mathematical Problems in Robotics* (Code: SS 15A), **Robert W. Ghrist**, University of Illinois at Urbana-Champaign.

*Modern Schubert Calculus* (Code: SS 1A), **Ezra Miller**, University of Minnesota, and **Frank Sottile**, University of Massachusetts.

*Nonlinear Partial Differential Equations and Applications* (Code: SS 6A), **Gui-Qiang Chen**, Northwestern University, and **Mikhail Feldman**, University of Wisconsin at Madison.

*Nonlinear Waves* (Code: SS 14A), **Jerry L. Bona**, University of Illinois at Chicago, **Shuming Sun**, Virginia Polytechnic Institute and State University, and **Bingyu Zhang**, University of Cincinnati.

*Solving Polynomial Systems* (Code: SS 9A), **Anton Leykin** and **Jan Verschelde**, University of Illinois at Chicago.

*Spectral Problems of Differential Operators* (Code: SS 16A), **Qingkai Kong**, **Hongyou Wu**, and **Anton Zettl**, Northern Illinois University.

*Stability Issues in Fluid Dynamics* (Code: SS 11A), **Susan J. Friedlander** and **Roman Shvydkoy**, University of Illinois at Chicago.

# Pittsburgh, Pennsylvania

*University of Pittsburgh*

## November 6–7, 2004
*Saturday – Sunday*

## Meeting #1002

Eastern Section
Associate secretary: Lesley M. Sibner
Announcement issue of *Notices*: September 2004
Program first available on AMS website: September 23, 2004
Program issue of electronic *Notices*: November 2004
Issue of *Abstracts*: Volume 25, Issue 4

## Deadlines

For organizers: April 7, 2004
For consideration of contributed papers in Special Sessions: July 20, 2004
For abstracts: September 14, 2004

## Invited Addresses

**Jeffrey F. Brock**, Brown University, *Title to be announced*.

**Der-Chen Chang**, Georgetown University, *Title to be announced*.

**Robert Schapire**, Princeton University, *Title to be announced*.

**Ofer Zeitouni**, University of Minnesota, Minneapolis, *Title to be announced*.

## Special Sessions

*Convexity and Combinatorics* (Code: SS 2A), **James F. Lawrence** and **Valeriu Soltan**, George Mason University.

*Invariants of Knots and 3-Manifolds* (Code: SS 1A), **Marta M. Asaeda**, University of Maryland, **Jozef H. Przytycki**, George Washington University, and **Adam S. Sikora**, SUNY at Buffalo.

# Atlanta, Georgia

*Atlanta Marriott Marquis and Hyatt Regency Atlanta*

## January 5–8, 2005
*Wednesday – Saturday*

## Meeting #1003

*Joint Mathematics Meetings, including the 111th Annual Meeting of the AMS, 88th Annual Meeting of the Mathematical Association of America (MAA), annual meetings of the Association of Women in Mathematics (AWM) and the National Association of Mathematicians (NAM), and the winter meeting of the Association of Symbolic Logic (ASL).*
Associate secretary: Lesley M. Sibner
Announcement issue of *Notices*: October 2004
Program first available on AMS website: To be announced
Program issue of electronic *Notices*: January 2005
Issue of *Abstracts*: To be announced

## Deadlines

For organizers: April 5, 2004
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

# Bowling Green, Kentucky

*Western Kentucky University*

## March 18–19, 2004
*Friday – Saturday*

## Meeting #1003

Southeastern Section
Associate secretary: John L. Bryant
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: July 19, 2004
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

# Newark, Delaware

*University of Delaware*

### April 2–3, 2005
*Saturday – Sunday*

### Meeting #1005
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 2, 2004
For consideration of contributed papers in Special Sessions:
    To be announced
For abstracts: To be announced

# Lubbock, Texas

*Texas Tech University*

### April 8–10, 2005
*Friday – Sunday*

### Meeting #1006
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

### Special Sessions
*Topology of Continua* (Code: SS 1A), **Wayne Lewis**, 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*: 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

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

# Mainz, Germany

### June 16–19, 2005
*Thursday – Sunday*

### Meeting #1008
*Second Joint International Meeting with the Deutsche Mathematiker-Vereinigung (DMV) and the Oesterrichische Mathematische Gesellschaft (OMG)*
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

### Invited Addresses

**Helene Esnault**, University of Essen, *Title to be announced.*

**Richard Hamilton**, Columbia University, *Title to be announced.*

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

**Christian Krattenthaler**, University of Lyon, *Title to be announced.*

**Frank Natterer**, University of Muenster, *Title to be announced.*

**Horng-Tzer Yau**, New York University and Stanford University, *Title to be announced.*

### Special Sessions

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

*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.

*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.

*Mathematics Education*, **Gunter Torner**, Universität Duisburg-Essen.

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

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

# Johnson City, Tennessee

*East Tennessee State University*

## October 15–16, 2005

*Saturday – Sunday*
Southeastern Section
Associate secretary: John L. Bryant
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 15, 2005
For consideration of contributed papers in Special Sessions:
    To be announced
For abstracts: To be announced

# Lincoln, Nebraska

*University of Nebraska in Lincoln*

## October 21–22, 2005

*Friday – Saturday*
Central Section
Associate secretary: Susan J. Friedlander
Announcement issue of *Notices*: August 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*
*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), and the winter meeting of the Association for Symbolic Logic (ASL).*
Associate secretary: John L. Bryant
Announcement issue of *Notices*: October 2005
Program first available on AMS website: To be announced
Program issue of electronic *Notices*: January 2006
Issue of *Abstracts*: To be announced

## Deadlines

For organizers: April 12, 2005
For consideration of contributed papers in Special Sessions:
    To be announced
For abstracts: To be announced
For summaries of papers to MAA organizers: To be
    announced

# 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).*
Associate secretary: Susan J. Friedlander
Announcement issue of *Notices*: October 2006
Program first available on AMS website: To be announced
Program issue of electronic *Notices*: January 2007
Issue of *Abstracts*: To be announced

## Deadlines

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

# 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 Associaiton for Symbolic Logic (ASL).*
Associate secretary: Michel L. Lapidus
Announcement issue of *Notices*: October 2007
Program first available on AMS website: November 1, 2007
Program issue of electronic *Notices*: January 2008
Issue of *Abstracts*: Volume 29, Issue 1

### Deadlines

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

# Washington, District of Columbia

*Marriott Wardman Park Hotel*
*and Omni Shoreham Hotel*

### January 7–10, 2009

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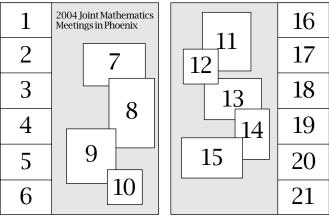Issue of *Abstracts*: Volume 30, Issue 1

### Deadlines

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

## Photo Index to Pages 400, 401



**Page 400**          **Page 401**

## Page 400

1.  Entrance to Exhibits Hall
2.  Ribbon cutting—opening of exhibits
3.  Registration desk
4.  AMS author Steven Krantz (left) at book signing
5.  AMS booth in exhibits area
6.  Exhibition area
7.  Entrance to Phoenix Civic Plaza
8.  Historic St. Mary's Basilica
9.  Exhibits Hall from above
10.  2004 Steele Prize winner Cathleen Morawetz

## Page 401

11.  AMS Executive Director John Ewing with retiring MR Executive Editor Jane Kister
12.  2004 Distinguished Public Service Awardee Richard Tapia
13.  Woven baskets, Mathematics and the Arts exhibit
13.  Invited Address speaker Stephen Wolfram
14.  Left to right: AMS President David Eisenbud, 2003 Morgan Prize winner Melanie Wood, MAA President Ron Graham, SIAM President James M. Hyman
15.  Who Wants To Be A Mathematician contestants with host Mike Breen
16.  Game contestant Jonathan Lo
17.  David Eisenbud, 2004 Norbert Wiener Prize winner James Sethian, James Hyman
18.  Lobby, Civic Plaza
19.  Email lab
20.  Employment Center