

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.

Irvine, California

University of California Irvine

November 10–11, 2001

Meeting #972

Western Section

Associate secretary: Bernard Russo

Announcement issue of *Notices*: September 2001

Program first available on AMS website: September 27, 2001

Program issue of electronic *Notices*: December 2001

Issue of *Abstracts*: Volume 22, Issue 4

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions: Expired

For abstracts: Expired

Invited Addresses

William Duke, University of California Los Angeles, *Recent directions in automorphic forms and analytic number theory*.

Grigory Mikhalkin, University of Utah, *Amoebas of algebraic varieties*.

Gigliola Staffilani, Brown University and Stanford University, *Dispersive equations and almost conservation laws*.

Jonathan Weitsman, University of California Santa Cruz, *The topology of Hamiltonian loop group spaces*.

Special Sessions

Dynamical Systems of Billiard Type, **Marek Rychlik**, University of Arizona, and **Andrew Torok**, University of Houston.

Extremal Metrics and Moduli Spaces, **Steven Bradlow**, University of Illinois, Urbana-Champaign, **Claude LeBrun**, State University of New York, Stony Brook, and **Yat Sun Poon**, University of California Riverside.

Groups and Covering Spaces in Algebraic Geometry, **Michael Fried**, University of California Irvine, and **Helmut Voelklein**, University of Florida.

Harmonic Analyses and Partial Differential Equations, **Gustavo Ponce**, University of California Santa Barbara, and **Gigliola Staffilani**, Brown University and Stanford University.

Harmonic Analysis and Complex Analysis, **Xiaojun Huang**, Rutgers University, and **Song-Ying Li**, University of California Irvine.

Operator Spaces, Operator Algebras, and Applications, **Marius Junge**, University of Illinois, Urbana-Champaign, and **Timur Oikhberg**, University of Texas and University of California Irvine.

Partial Differential Equations and Applications, **Edriss S. Titi**, University of California Irvine.

Quantum Topology, **Louis Kauffman**, University of Illinois at Chicago, **Jozef Przytycki**, George Washington University, and **Fernando Souza**, University of Waterloo.

Random and Deterministic Schrödinger Operators, **Svetlana Jitomirskaya** and **Abel Klein**, University of California Irvine.

Symplectic Geometry, **Jonathan Weitsman**, University of California Santa Cruz.

Topology of Algebraic Varieties, **Eriko Hironaka**, Florida State University, and **Grigory Mikhalkin**, University of Utah.

San Diego, California

San Diego Convention Center

January 6–9, 2002

Meeting #973

Joint Mathematics Meetings, including the 108th Annual Meeting of the AMS, 85th Meeting of the Mathematical Association of America (MAA), with minisymposia and other special events contributed by the Society for Industrial

and Applied Mathematics (SIAM); the 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 2001

Program first available on AMS website: November 1, 2001

Program issue of electronic *Notices*: January 2002

Issue of *Abstracts*: Volume 23, Issue 1

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions: Expired

For abstracts: Expired

For summaries of papers to MAA organizers: To be announced

AMS-MAA Program Updates

Highlights from the 2000 CBMS Survey of the Mathematical Sciences, Sunday, 2:15 p.m. to 3:05 p.m.

The **AMS-MAA Government Speaker** on Tuesday, 4:20 p.m. to 5:05 p.m. is **James R. Schatz**, National Security Agency, title to be announced.

AMS Program Updates

The title of the **Gibbs Lecture** to be given by **Sir Michael Berry** at 8:30 on Sunday night is *Making light of mathematics*.

New Directions, Tuesday, 9:45 a.m. to 10:45 a.m. This panel of National Science Foundation (NSF) Institute directors and the Division of Mathematical Sciences (DMS) director will describe the new NSERC-NSF Conference Center at Banff, Canada (Banff International Research Station in the Mathematical Sciences) as well as the new initiatives taken by the NSF Institutes and by the DMS. Sponsored by the Committee on Meetings and Conferences.

The **Committee on Education** will sponsor a presentation on Wednesday, 8:30 a.m. to 10:00 p.m. by **Lee V. Stiff**, President, National Council of Teachers of Mathematics.

MAA Program Updates

JOMA Authors Present, Monday, 9:00 a.m.-10:30 a.m., organized by **David Smith**, Duke University and **Lang Moore**, MAA and Duke University. After an introduction by the editor of the Journal of Online Mathematics and Its Applications (JOMA), authors who have published in JOMA will talk about their materials and their work in general. Authors include **David Smith**, Duke University, **Tom Leathrum**, Jacksonville State University, and **John Kiltinen**, Northern Michigan University.

The Global Classroom: Live E-Learning over the Web, Tuesday, 9:00 a.m.-10:30 a.m., organized by **Marcelle Bessman**, Jacksonville University and **Douglas A. Quinney**, Keele University, UK. The Global Classroom is a "classroom without walls" that supports interaction between students and a "visiting" scholar and among students all gathered in a "classroom" on a virtual campus that resides on a server. It supports synchronous, collaborative use of common software packages including Mathematica, Maple

and various commonly used software packages, such as word processors and spreadsheets via the Web. Control of a software package opened on one machine can be passed to a person at another machine in another room or even another geographic location. This campus supports audio connectivity in a cooperative learning environment. Sessions can be recorded for review of the session by students or for study by students who missed the session. We will describe the Global Classroom project and demonstrate the interconnectivity and collaboration over the Internet. In addition, participants will learn how to develop their own on-line teaching material.

How to Successfully Publish a Textbook, Wednesday, 1:00 pm-2:30 p.m. organized by **Michael R. Lennie**, San Diego, CA. Michael Lennie will cover the essential of how to write a winning proposal and contract essentials. He will cover the tricks of the trade describing how to present your textbook in its best possible light in the proposal. You'll learn techniques for selling your acquisitions editor with a clear description of the text, its features, and ancillaries. **Michael Sullivan**, Lemont, IL, will describe how to assure a successful review process and discuss the similar yet distinct pre-contract review, developmental review, and post-publication review from the unique position of the mathematics author. **Robert Christophererson**, American River College, will discuss the discipline of writing a textbook and what you must know about the publication process. He will explain why setting up a "writing studio", preparing the outline, style guides, and tracking logs are critical elements to creation of a successful manuscript. He will discuss research and writing, production of manuscript and art, and the publishing process, including developmental editing, book design, and marketing. Each presentation will be followed by questions and answers and will include handouts.

SIGMAA on Research in Undergraduate Mathematics Education presentation on Tuesday, features a talk by **Ed Dubinsky**, Cincinnati, OH, on *How can mathematical concepts be learned? Synthesizing APOS Theory and mathematical formalism to get one possible answer*, from 5:00 p.m. to 5:45 p.m.

Other Organizations Updates

Summer Program for Women in Mathematics (SPWM) Reunion, Monday, 2:00 p.m. to 4:00 p.m., organized by **Murli M. Gupta** and **E. Arthur Robinson Jr.**, George Washington University. SPWM program participants will be asked to describe their experiences.

Social Events Updates

Association of Christians in the Mathematical Sciences will host an ecumenical Christian service on Sunday, 7:00 a.m. to 7:45 a.m.

Mathematical Sciences Institutes Reception, Sunday, 5:30 p.m. to 7:30 p.m., CRM, CIMACS, the Fields Institute, IMA, IPAM, MSRI, and PIMS invite you to a reception where you can talk to their representatives, and learn about their current and future programs and activities (or reminisce about their past ones). The participating institutes are Centre de Recherches Mathématiques (Montréal), the Center for Discrete Mathematics and Theoretical Computer Science

(New Jersey), the Fields Institute (Toronto), the Institute for Mathematics and Its Applications (Minneapolis), the Institute for Pure and Applied Mathematics at UCLA (Los Angeles), the Mathematical Sciences Research Institute (Berkeley), and the Pacific Institute for the Mathematical Sciences (Vancouver).

Two-Year College Reception, Monday 5:45 p.m. to 7:00 p.m., sponsored by Addison Wesley Longman.

University of Wisconsin-Madison Department of Mathematics Reception, Monday, 6:00 p.m. to 7:30 p.m.

Knitting Circle, Monday, 8:15 p.m. to 9:45 p.m. Network with other mathematicians to discuss the mathematics involved in certain fiber arts. Bring along your current project.

Mathematical Reviews Reception, Tuesday, 6:00 p.m. to 7:00 p.m. All friends of Mathematical Reviews (MR) are invited to join reviewers and MR editors and staff (past and present) for a reception in honor of all the efforts that go into the creation and publication of the Mathematical Reviews Database. Refreshments will be served.

Association of Gay, Lesbian, Bisexual, and Transgendered Mathematicians Reception, Tuesday, 5:00 p.m. to 6:30 p.m.

University of Illinois at Urbana-Champaign Department of Mathematics Reception, Tuesday, 5:00 p.m. to 7:00 p.m.

Ann Arbor, Michigan

University of Michigan

March 1–3, 2002

Meeting #974

Central Section

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: January 2002

Program first available on AMS website: January 17, 2002

Program issue of electronic *Notices*: May 2002

Issue of *Abstracts*: Volume 23, Issue 2

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions: November 13, 2001

For abstracts: January 9, 2002

Invited Addresses

Lazlo Babai, University of Chicago, *Title to be announced.*

Netts Katz, Washington University, *Title to be announced.*

Alan Reid, University of Texas at Austin, *Title to be announced.*

Lihe Wang, University of Iowa, *Title to be announced.*

Special Sessions

Algebraic Combinatorics (Code: AMS SS H1), **Patricia Hersh**, University of Michigan, Ann Arbor, and **Brian D. Taylor**, Wayne State University.

Algebraic Topology (Code: AMS SS F1), **Robert Bruner**, Wayne State University, and **Igor Kriz**, University of Michigan, Ann Arbor.

Biological Applications of Dynamical Systems (Code: AMS SS J1), **J. M. Cushing**, University of Arizona, **Shandelle M. Henson**, Andrews University, and **Anna M. Spagnuolo**, Oakland University.

Commutative Algebra (Code: AMS SS D1), **Florian Enescu** and **Anurag K. Singh**, University of Utah, and **Karen E. Smith**, University of Michigan, Ann Arbor.

Differential Geometry (Code: AMS SS K1), **Lizhen Ji**, **Krishnan Shankar**, and **Ralf Spatzier**, University of Michigan, Ann Arbor.

Hyperbolic Manifolds and Discrete Groups (Code: AMS SS E1), **Richard D. Canary**, University of Michigan, Ann Arbor, and **Alan W. Reid**, University of Texas at Austin.

Integrable Systems and Poisson Geometry (Code: AMS SS C1), **Anthony Block**, University of Michigan, **Philip Foth**, University of Arizona, and **Michael Gekhtman**, University of Notre Dame.

Mapping Class Groups and Geometric Theory of Teichmüller Spaces (Code: AMS SS P1), **Benson Farb**, University of Chicago, **Nikolai Ivanov**, Michigan State University, and **Howard Masur**, University of Illinois at Chicago.

Mathematical Models in Medicine and the Life Sciences (Code: AMS SS M1), **Patrick Nelson**, University of Michigan, Ann Arbor.

Moduli Spaces (Code: AMS SS G1), **Angela Gibney**, University of Michigan, Ann Arbor.

Numerical Analysis and Applications of Partial Differential Equations (Code: AMS SS L1), **Joan Remski** and **Jennifer Zhao**, University of Michigan, Dearborn.

Partial Differential Equations (Code: AMS SS N1), **Qing Han**, University of Notre Dame, and **Lihe Wang**, University of Iowa.

Quantum Topology in Dimension Three (Code: AMS SS A1), **Charles Frohman**, University of Iowa, and **Joanna Kania-Bartoszyńska**, Boise State University.

Topics in Geometric Function Theory (Code: AMS SS B1), **David A. Herron**, University of Cincinnati, **Nageswari Shanmugalingam**, University of Texas, and **Jeremy T. Tyson**, SUNY at Stony Brook.

Atlanta, Georgia

Georgia Institute of Technology

March 8–10, 2002

Meeting #975

Southeastern Section

Associate secretary: John L. Bryant

Announcement issue of *Notices*: January 2002

Program first available on AMS website: January 31, 2002

Program issue of electronic *Notices*: May 2002

Issue of *Abstracts*: Volume 23, Issue 2

Deadlines

For organizers: Expired
 For consideration of contributed papers in Special Sessions: November 27, 2001
 For abstracts: January 22, 2002
 For summaries of papers to MAA organizers: To be announced

AMS Invited Addresses

Nigel J. Kalton, University of Missouri, Columbia, *Title to be announced.*

James G. Oxley, Louisiana State University, *Title to be announced.*

AMS Special Sessions

Banach Spaces and Their Applications (Code: AMS SS B1), **Peter G. Casazza** and **N. J. Kalton**, University of Missouri-Columbia.

Combinatorics and Graph Theory (Code: AMS SS A1), **John M. Harris**, Furman University.

Frames, Wavelets, and Operator Theory (Code: AMS SS K1), **Christopher E. Heil** and **Yang Wany**, Georgia Institute of Technology.

Graphs and Matroids (Code: AMS SS H1), **James G. Oxley** and **Bogdan Oporowski**, Louisiana State University.

Harmonic Analysis (Code: AMS SS E1), **Gerd Mockenhaus** and **Michael T. Lacy**, Georgia Institute of Technology, and **Akos Magyar**, University of Georgia.

Low Dimensional Topology (Code: AMS SS C1), **Wolfgang H. Heil**, Florida State University, and **Jose Carlos Gómez-Larrañaga**, CIMAT, Mexico.

Numerical Linear Algebra and Its Applications (Code: AMS SS J1), **Michele Benzi**, Emory University, **Steven B. Damelin**, Georgia Southern University, and **James Nagy**, Emory University.

Quantum Structures (Code: AMS SS D1), **Alexander G. Wilce**, Juniata College, **Richard J. Greechie**, Louisiana Technical University, and **Franklin E. Schroeck**, Florida Atlantic University.

Technology and Distance Learning (Code: AMS SS F1), **Tom Morley**, Georgia Institute of Technology, and **Martha Abel**, Georgia Southern University.

Three Bridges from "Applied" to "Mathematics" (Code: AMS SS G1), **Peter Mucha**, **John A. Pelesko**, **John E. McCuan**, and **Guillermo H. Goldsztein**, Georgia Institute of Technology.

Montréal, Quebec, Canada

*Centre de Recherches Mathématiques,
 Université de Montréal*

May 3–5, 2002

Meeting #976

Eastern Section
 Associate secretary: Lesley M. Sibner
 Announcement issue of *Notices*: March 2002
 Program first available on AMS website: March 21, 2002
 Program issue of electronic *Notices*: July 2002
 Issue of *Abstracts*: Volume 23, Issue 3

Deadlines

For organizers: Expired
 For consideration of contributed papers in Special Sessions: January 15, 2002
 For abstracts: March 12, 2002

Invited Addresses

Nicholas M. Ercolani, University of Arizona, *Title to be announced.*

Lars Hesselholt, Massachusetts Institute of Technology, *Title to be announced.*

Niky Kamran, McGill University, *Title to be announced.*

Rafael de la Llave, University of Texas at Austin, *Title to be announced.*

Special Sessions

Combinatorial Hopf Algebras (Code: AMS SS C1), **Marcelo Aguiar**, Texas A&M University, and **François Bergeron** and **Christophe Reutenauer**, Université du Québec à Montréal.

Combinatorial and Geometric Group Theory (Code: AMS SS A1), **Olga G. Kharlampovich**, McGill University, **Alexei Myasnikov** and **Vladimir Shpilrain**, City College, New York, and **Daniel Wise**, McGill University.

Commutative Algebra and Algebraic Geometry (Code: AMS SS G1), **Irena Peeva**, Cornell University, and **Hema Srinivasan**, University of Missouri-Columbia.

Curvature and Topology (Code: AMS SS E1), **Regina Rotman**, Courant Institute, New York University, and **Christina Sormani**, Lehman College, CUNY.

Function Spaces in Harmonic Analysis and PDEs (Code: AMS SS D1), **Galia D. Dafni** and **Jie Xiao**, Concordia University.

Potential Theory (Code: AMS SS B1), **Paul M. Gauthier**, Université de Montréal, **K. Gowri Sankaran**, McGill University, and **David H. Singman**, George Mason University.

Shape Theory in Dynamics (Code: AMS SS F1), **Alex Clark**, University of North Texas, and **Krystyna M. Kuperberg**, Auburn University.

Spectral Geometry (Code: AMS SS H1), **Dmitry Jakobson**, McGill University, and **Yiannis Petridis**, McGill University and Centre de Recherches Mathématiques.

Pisa, Italy

June 12–16, 2002

Meeting #977

First Joint International Meeting between the AMS and the Unione Matematica Italiana.

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: Expired

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

For abstracts: To be announced

Invited Addresses

Luigi Ambrosio, Scuola Normale Superiore, *Title to be announced.*

Luis A. Caffarelli, University of Texas at Austin, *Title to be announced.*

Claudio Canuto, Politecnico di Torino, *Title to be announced.*

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

Giovanni Gallavotti, University of Rome I, *Title to be announced.*

Sergio Klainerman, Princeton University, *Title to be announced.*

Rahul V. Pandharipande, California Institute of Technology, *Title to be announced.*

Claudio Procesi, University of Rome, *Title to be announced.*

Special Sessions

Advances in Complex, Contact and Symplectic Geometry, **Paolo De Bartolomeis**, University of Florence, **Yakov Eliashberg**, Stanford University, **Gang Tian**, MIT, and **Giuseppe Tomassini**, Scuola Normale Superiore, Pisa.

Advances in Differential Geometry of PDEs and Applications, **Valentin Lychagin**, University of Heights, Newark, and **Agostino Prastaro**, University of Rome, La Sapienza.

Algebraic Logic and Universal Algebra, **Paolo Aglianó**, Università di Siena, **Keith A. Kearnes**, University of Colorado, **Franco Montagna**, Università di Siena, **Don Pigozzi**, Iowa State University, and **Aldo Ursini**, Università di Siena.

Algebraic Vector Bundles, **Vincenzo Ancona**, University of Florence, **Mohan Kumar**, Washington University, **Giorgio Maria Ottaviani**, University of Florence, **Christopher**

Peterson, Colorado State University, and **Prabhakar Rao**, University of Missouri.

Analytic Aspects of Convex Geometry, **Stefano Campi**, University of Modena, **Richard Gardner**, Western Washington University, **Erwin Lutwak**, Polytechnic University Brooklyn, and **Alijosa Volcic**, University of Trieste.

Classification Theory and Topology of Algebraic Varieties, **Fabrizio Catanese**, University of Goettingen, **János Kollár**, Princeton University, and **Shing-Tung Yau**, Harvard University.

Commutative Algebra and the Geometry of Projective Varieties, **Ciro Ciliberto**, University of Rome II, **Anthony Geramita**, University of Genoa, **Rick Miranda**, Colorado State University, and **Ferruccio Orecchia**, University of Naples.

Commutative Algebra: Hilbert Functions, Homological Methods and Combinatorial Aspects, **Aldo Conca**, University of Genoa, **Anna Guerrieri**, University of L'Aquila, **Claudia Polini**, University of Oregon, and **Bernd Ulrich**, Michigan State University.

Commutative Rings and Integer-Valued Polynomials, **Stefania Gabelli**, University of Rome III, and **Thomas G. Lucas**, University of North Carolina, Charlotte.

Complex, Contact and Quaternionic Geometry, **David E. Blair**, Michigan State University, and **Stefano Marchiafava**, University of Rome, La Sapienza.

Contemporary Developments in Partial Differential Equations and in the Calculus of Variations, **Irene Fonseca**, Carnegie Mellon University, and **Paolo Marcellini**, University of Florence.

Didattica della Dimostrazione, **Ferdinando Arzarello**, University of Turin, **Guershon Harel**, Purdue University, and **Vincio Villani**, University of Pisa.

Dynamical Systems, **Antonio Giorgilli**, University of Milano-Bicocca, **Stefano Marmi**, Scuola Normale Superiore, Pisa, and **John Norman Mather**, Princeton University.

Elliptic Partial Differential Equations, **Angelo Alvino**, University of Naples, **Luis Caffarelli**, University of Texas, **Giorgio Talenti**, University of Florence, and **Vladimir Oliker**, Emory University.

Equazioni di Evoluzione Nonlineari, **Alberto Tesei**, University of Rome, La Sapienza.

Free Boundary Problems, **Ricardo Horacio Nochetto**, College Park, Maryland, and **Augusto Visintin**, University of Trento.

Geometric Properties of Solutions to PDEs, **Donatella Danielli**, Johns Hopkins University, and **Sandro Salsa**, Politecnico di Milano.

Harmonic Analysis, **Fulvio Ricci**, Scuola Normale Superiore, Pisa, and **Elias M. Stein**, Princeton University.

Higher Dimensional Algebra, **John Baez**, University of California Riverside, and **Giuseppe Rosolini**, University of Genoa.

History of Mathematics, **Piers Bursil-Hall**, Cambridge University, **Enrico Giusti**, University of Florence, and **James J. Tattersall**, Providence College.

Hyperbolic Equations, **Sergiu Klainerman**, Princeton University, and **Sergio Spagnolo**, University of Pisa.

Hyperbolic Systems of Conservation Laws, **Alberto Bressan**, SISSA, Trieste, and **Shi Jin**, University of Wisconsin.

Inverse Boundary Problems and Applications, **Giovanni Alessandrini**, University of Trieste, and **Gunther Uhlmann**, University of Washington.

Jump Processes in Option Pricing Theory, **Claudio Albanese**, University of Toronto, and **Marco Isopi**, University of Bari.

Kolmogorov Equations, **Giuseppe Da Prato**, Scuola Normale Superiore, Pisa, and **Nicolai V. Krylov**, University of Minnesota.

Logarithmic De Rham Cohomology and Dwork Cohomology, **Alan Adolphson**, Oklahoma State University, Stillwater, **Francesco Baldassarri**, University of Padua, **Arthur Ogus**, University of California Berkeley, and **Steven Sperber**, University of Minnesota, Minneapolis.

Mathematical Problems in Soft Matter Modelling, **Eugene C. Gartland**, Kent State University, and **Epifanio Virga**, University of Pavia.

Mathematical Problems in Transport Theory, **Carlo Cercignani**, Politecnico di Milano, and **Irene Gamba**, University of Texas.

Mathematical Schools: Italy and the United States at the Turn of the Twentieth Century, **Umberto Bottazzini**, University of Palermo, and **Karen Hunger Parshall**, University of Virginia.

Mathematics in Polymer Science, **Antonio Fasano**, University of Florence, and **Kumbakonam R. Rajagopal**, Texas A&M University.

Microlocal Analysis and Applications to PDE, **Daniele Del Santo**, University of Trieste, **M. K. Venkatesha Murthy**, University of Pisa, and **Daniel Tataru**, Northwestern University.

Nonlinear Analysis, **Antonio Ambrosetti**, SISSA, Trieste, **Vieri Benci**, University of Pisa, **Haim Brezis**, Rutgers University, and **Paul Rabinowitz**, University of Wisconsin.

Nonlinear Elliptic and Parabolic Equations and Systems, **Gary Lieberman**, Iowa State University, and **Antonio Maugeri**, University of Catania.

Nonstandard Methods and Applications in Mathematics, **Alessandro Berarducci**, University of Pisa, **Nigel Cutland**, University of Hull, **Mauro Di Nasso**, University of Pisa, and **David Ross**, University of Hawaii.

Operator Algebras, **Sergio Doplicher**, University of Rome, La Sapienza, and **Edward George Effros**, University of California Los Angeles.

Optimization and Control, **Roberto Triggiani**, University of Virginia, and **Tullio Zolezzi**, University of Genoa.

Partial Differential Equations of Mixed Elliptic - Hyperbolic Type and Applications, **Daniela Lupo**, Politecnico di Milano,

Cathleen S. Morawetz, Courant Institute, and **Kevin R. Payne**, University of Milan.

Periodic Solutions of Differential and Difference Equations, **Massimo Furi**, University of Florence, and **Mario Umberto Martelli**, Claremont McKenna College.

Poisson Geometry and Integrable Systems, **Franco Magri**, University of Milan, and **Ping Xu**, Pennsylvania State University.

Quantum Cohomology and Moduli Spaces, **Angelo Vistoli**, University of Bologna, and **Aaron Bertram**, University of Utah.

Scaling Limits and Homogenization Problems in Physics and Applied Sciences, **Mario Pulvirenti**, University of Rome, and **George Papanicolaou**, Stanford University.

Semigroups of Operators and Applications, **Francesco Altomare**, University of Bari, and **Frank Neubrander**, Louisiana State University.

Semigroups, Automata and Formal Languages, **Alessandra Cherubini**, Politecnico di Milano, and **John Meakin**, University of Nebraska-Lincoln.

Simulation via Quantum Computation, **Thomas L. Clarke**, University of Central Florida, Orlando, and **Massimo Pica Ciamarra**, University of Naples.

Some Mathematics around Composites, **Robert V. Kohn**, Courant Institute, NYU, and **Vincenzo Nesi**, University of Rome, La Sapienza.

Structured Matrix Analysis with Applications, **Dario Andrea Bini**, University of Pisa, and **Thomas Kailath**, Stanford University.

The Topology of 3-Manifolds, **Ricardo Benedetti** and **Carlo Petronio**, University of Pisa, **Dale Rolfsen**, University of British Columbia, Vancouver, and **Jeffrey Weeks**, Canton, New York.

Variational Analysis and Applications, **Franco Giannessi**, University of Pisa, **Boris S. Mordukhovich**, Wayne State University, Detroit, **Biagio Ricceri**, University of Catania, and **R. Tyrrell Rockafellar**, University of Washington.

Viscosity Methods in PDEs and Applications, **Piermarco Cannarsa**, University of Rome II, **Italo Capuzzo Dolcetta**, University of Rome, La Sapienza, and **Panagiotis Souganidis**, University of Texas at Austin.

White Noise Theory and Quantum Probability, **Luigi Accardi**, University of Rome, Tor Vergata, and **Hui-Hsiung Kuo**, Louisiana State University.

Portland, Oregon

Portland State University

June 20–22, 2002

Meeting #978

Western Section

Associate secretary: Bernard Russo

Announcement issue of *Notices*: April 2002

Program first available on AMS website: May 9, 2002
 Program issue of electronic *Notices*: August 2002
 Issue of *Abstracts*: Volume 23, Issue 2

Deadlines

For organizers: November 20, 2001
 For consideration of contributed papers in Special Sessions: March 5, 2002
 For abstracts: April 30, 2002

Special Sessions

Algebraic Geometry and Combinatorics (Code: AMS SS B1), **Eric Babson** and **Rekha Thomas**, University of Washington, and **Sergey Yuzvinsky**, University of Oregon.

Qualitative Properties and Applications of Functional Equations (Code: AMS SS A1), **Theodore A. Burton**, Southern Illinois University.

The Quintic Equation: Algebra and Geometry (Code: AMS SS C1), **Jerry Shurman**, Reed College, and **Scott Crass**, California State University, Long Beach.

Boston, Massachusetts

Northeastern University

October 5–6, 2002

Meeting #979

Eastern Section
 Associate secretary: Lesley M. Sibner
 Announcement issue of *Notices*: August 2002
 Program first available on AMS website: August 22, 2002
 Program issue of electronic *Notices*: December 2002
 Issue of *Abstracts*: Volume 23, Issue 4

Deadlines

For organizers: March 6, 2002
 For consideration of contributed papers in Special Sessions: June 18, 2002
 For abstracts: August 13, 2002

Invited Addresses

Lou P. van den Dries, University of Illinois, Urbana-Champaign, *Title to be announced.*

Diane Henderson, Pennsylvania State University, *Title to be announced.*

Christopher K. King, Northeastern University, *Title to be announced.*

Xiaobo Liu, University of Notre Dame, *Title to be announced.*

Madison, Wisconsin

University of Wisconsin-Madison

October 12–13, 2002

Meeting #980

Central Section
 Associate secretary: Susan J. Friedlander
 Announcement issue of *Notices*: August 2002
 Program first available on AMS website: August 29, 2002
 Program issue of electronic *Notices*: December 2002
 Issue of *Abstracts*: Volume 23, Issue 4

Deadlines

For organizers: March 12, 2002
 For consideration of contributed papers in Special Sessions: June 25, 2002
 For abstracts: August 20, 2002

Invited Addresses

Lawrence Ein, University of Illinois at Chicago, *Title to be announced.*

Eleny Ionel, University of Wisconsin, *Title to be announced.*

Mikhail Safonov, University of Minnesota, *Title to be announced.*

John Sullivan, University of Illinois, Urbana-Champaign, *Title to be announced.*

Special Sessions

Arithmetic Algebraic Geometry (Code: AMS SS A1), **Ken Ono** and **Tonghai Yang**, University of Wisconsin-Madison.

Arrangements of Hyperplanes (Code: AMS SS E1), **Daniel C. Cohen**, Louisiana State University, **Peter Orlik**, University of Wisconsin-Madison, and **Anne Shepler**, University of California Santa Cruz.

Biological Computation and Learning in Intelligent Systems (Code: AMS SS S1), **Shun-ichi Amari**, RIKEN, **Amir Assadi**, University of Wisconsin-Madison, and **Tomaso Poggio**, MIT.

Combinatorics and Special Functions (Code: AMSSST1), **Richard Askey** and **Paul Terwilliger**, University of Wisconsin-Madison.

Dynamical Systems (Code: AMS SS P1), **Sergey Bolotin** and **Paul Rabinowitz**, University of Wisconsin-Madison.

Effectiveness Questions in Model Theory (Code: AMS SS J1), **Charles McCoy**, **Reed Solomon**, and **Patrick Speissegger**, University of Wisconsin-Madison.

Geometric Methods in Differential Equations (Code: AMS SS H1), **Gloria Mari Beffa**, University of Wisconsin-Madison, and **Peter Olver**, University of Minnesota.

Geophysical Waves and Turbulence (Code: AMS SS M1), **Paul Milewski**, **Leslie Smith**, and **Fabian Waleffe**, University of Wisconsin-Madison.

Group Cohomology and Homotopy Theory (Code: AMS SS G1), **Alejandro Adem**, University of Wisconsin-Madison, and **Jesper Grodal**, Institute for Advanced Study.

Harmonic Analysis (Code: AMS SS C1), **Alex Ionescu** and **Andreas Seeger**, University of Wisconsin-Madison.

Hyperbolic Differential Equations and Kinetic Theory (Code: AMS SS K1), **Shi Jin**, **Marshall Slemrod**, and **Athanassios Tzavaras**, University of Wisconsin-Madison.

Lie Algebras and Related Topics (Code: AMS SS N1), **Georgia Benkart** and **Arun Ram**, University of Wisconsin-Madison.

Multiresolution Analysis and Data Presentation (Code: AMS SS F1), **Amos Ron**, University of Wisconsin-Madison.

Partial Differential Equations and Geometry (Code: AMS SS D1), **Sigurd Angenent** and **Mikhail Feldman**, University of Wisconsin-Madison.

Probability (Code: AMS SS R1), **David Griffeath**, University of Wisconsin-Madison, and **Timo Seppalainen**, Iowa State University.

Ring Theory and Related Topics (Code: AMS SS L1), **Don Passman**, University of Wisconsin-Madison.

Several Complex Variables (Code: AMS SS B1), **Pat Ahern**, **Xianghong Gong**, **Alex Nagel**, and **Jean-Pierre Rosay**, University of Wisconsin-Madison.

Salt Lake City, Utah

University of Utah

October 26–27, 2002

Meeting #981

Western Section

Associate secretary: Bernard Russo

Announcement issue of *Notices*: September 2002

Program first available on AMS website: September 16, 2002

Program issue of electronic *Notices*: January 2003

Issue of *Abstracts*: Volume 23, Issue 4

Deadlines

For organizers: March 26, 2002

For consideration of contributed papers in Special Sessions: July 10, 2002

For abstracts: September 4, 2002

Orlando, Florida

University of Central Florida

November 9–10, 2002

Meeting #982

Southeastern Section

Associate secretary: John L. Bryant

Announcement issue of *Notices*: September 2002

Program first available on AMS website: September 26, 2002

Program issue of electronic *Notices*: January 2003

Issue of *Abstracts*: Volume 23, Issue 4

Deadlines

For organizers: April 10, 2002

For consideration of contributed papers in Special Sessions: July 23, 2002

For abstracts: September 17, 2002

Baltimore, Maryland

Baltimore Convention Center

January 15–18, 2003

Joint Mathematics Meetings, including the 109th Annual Meeting of the AMS, 86th 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*: 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 15, 2002

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

Baton Rouge, Louisiana

Louisiana State University

March 14–16, 2003

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: August 14, 2002

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

For abstracts: To be announced

Bloomington, Indiana

Indiana University

April 4–6, 2003

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, 2002

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

For abstracts: To be announced

Seville, Spain

June 18–21, 2003

First Joint International Meeting between the AMS and the Real Sociedad Matematica Española (RSME).

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: May 15, 2002

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

For abstracts: To be announced

Binghamton, New York

SUNY-Binghamton

October 10–12, 2003

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 10, 2003

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

For abstracts: To be announced

Phoenix, Arizona

Phoenix Civic Plaza

January 7–10, 2004

Associate secretary: Bernard Russo

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 2, 2003

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

Athens, Ohio

Ohio University

March 26–27, 2004

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: August 26, 2003

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

For abstracts: To be announced

Atlanta, Georgia

Atlanta Marriott Marquis and Hyatt Regency Atlanta

January 5–8, 2005

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 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