
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.

New York, New York

Courant Institute

April 12–13, 2003

Meeting #986

Eastern Section

Associate secretary: Lesley M. Sibner

Announcement issue of *Notices*: February 2003

Program first available on AMS website: February 27, 2003

Program issue of electronic *Notices*: April 2003

Issue of *Abstracts*: Volume 24, Issue 3

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions:
Expired

For abstracts: Expired

Invited Addresses

Matthias Aschenbrenner, University of California Berkeley, *Asymptotic differential algebra*.

John Etnyre, University of Pennsylvania, *Legendrian knots*.

Hans Foellmer, Humboldt University Berlin, *Mathematical aspects of financial risk*.

Wilfrid Gangbo, Georgia Institute of Technology, *The Riemannian geometry of the 2-Wasserstein metric and the nonlinear kinetic Fokker-Planck equation*.

Special Sessions

Algebraic and Topological Combinatorics, **Eva-Maria Feichtner**, ETH, Zurich, Switzerland, and **Dmitry N. Kozlov**, University of Bern, Switzerland, and KTH, Stockholm, Sweden.

Algebraic Geometry, Integrable Systems, and Gauge Theory, **Marcos Jardim** and **Eyal Markman**, University of Massachusetts, Amherst.

Analytical and Computational Methods in Electromagnetics, **Alexander P. Stone**, University of New Mexico, and **Peter A. McCoy**, U. S. Naval Academy.

Combinatorial and Statistical Group Theory, **Alexei Myasnikov** and **Vladimir Shpilrain**, City College, New York.

Contact and Symplectic Geometry, **John B. Etnyre** and **Joshua M. Sabloff**, University of Pennsylvania.

Galois Module Theory and Hopf Algebras, **Daniel R. Replogle**, College of Saint Elizabeth, and **Robert G. Underwood**, Auburn University.

The History of Mathematics, **Patricia R. Allaire**, Queensborough Community College, CUNY, and **Robert E. Bradley**, Adelphi University.

Hopf Algebras and Quantum Groups, **M. Susan Montgomery**, University of Southern California, **Earl J. Taft**, Rutgers University, and **Sarah J. Witherspoon**, Amherst College.

Low-Dimensional Topology, **James Conant**, Cornell University, **Slava Krushkal**, University of Virginia, and **Rob Schneiderman**, NYU-Courant Institute.

Nonlinear Partial Differential Equations in Differential Geometry, **John C. Loftin** and **Mu-Tao Wang**, Columbia University.

Rigidity in Dynamics, Geometry, and Group Theory, **David Fisher**, CUNY, Herbert H. Lehman College, and **Steven E. Hurder** and **Kevin M. Whyte**, University of Illinois at Chicago.

Topological Aspects of Complex Singularities, **Sylvain E. Cappell**, NYU-Courant Institute, and **Walter D. Neumann** and **Agnes Szilard**, Barnard College, Columbia University.

San Francisco, California

San Francisco State University

May 3–4, 2003

Meeting #987

Western Section

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: March 2003

Program first available on AMS website: March 20, 2003

Program issue of electronic *Notices*: May 2003

Issue of *Abstracts*: Volume 24, Issue 3

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions:
Expired

For abstracts: Expired

Invited Addresses

Joe P. Buhler, Reed College, *A problem in symmetric functions arising from phase determination in crystallography*.

Raymond C. Heitmann, University of Texas at Austin, *The direct summand conjecture in dimension three*.

Alexei Y. Kitaev, California Institute of Technology, *Quantum media and topological quantum computation*.

Arkady Vaintrob, University of Oregon, *Higher spin curves and Gromov-Witten theory*.

Special Sessions

Beyond Classical Boundaries of Computability, **Mark Burgin**, University of California Los Angeles, and **Peter Wegner**, Brown University.

Combinatorial Commutative Algebra and Algebraic Geometry, **Serkan Hosten**, San Francisco State University, and **Ezra Miller**, Mathematical Sciences Research Institute.

Commutative Algebra, **Raymond C. Heitmann**, University of Texas at Austin, and **Irena Swanson**, New Mexico State University.

Efficient Arrangements of Convex Bodies, **Dan P. Ismailescu**, Hofstra University, and **Włodzimierz Kuperberg**, Auburn University.

Geometry and Arithmetic over Finite Fields, **Bjorn Poonen**, University of California Berkeley, and **Joe P. Buhler**, Reed College.

Gromov-Witten Theory of Spin Curves and Orbifolds, **Tyler Jarvis**, Brigham Young University, **Takashi Kimura**, Boston University, and **Arkady Vaintrob**, University of Oregon.

The History of Nineteenth and Twentieth Century Mathematics, **Shawnee McMurrin**, California State University, San Bernardino, and **James A. Tattersall**, Providence College.

Numerical Methods, Calculations and Simulations in Knot Theory and Its Applications, **Jorge Alberto Calvo**, North Dakota State University, **Kenneth C. Millett**, University of California Santa Barbara, and **Eric J. Rawdon**, Duquesne University.

PDEs and Applications in Geometry, **Qi S. Zhang**, University of California Riverside.

Q-Series and Partitions, **Neville Robbins**, San Francisco State University.

Qualitative Properties and Applications of Functional Equations, **Theodore A. Burton**, Southern Illinois University at Carbondale.

Topological Quantum Computation, **Alexei Kitaev**, California Institute of Technology, and **Samuel J. Lomonaco**, University of Maryland, Baltimore County.

Seville, Spain

June 18–21, 2003

Meeting #988

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

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: February 2003

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: Expired

For consideration of contributed papers in Special Sessions:
Expired

For abstracts: Expired

Invited Addresses

Xavier Cabre, Universidad Politècnica de Cataluña, Barcelona, *Title to be announced*.

Charles Fefferman, Princeton University, *Title to be announced*.

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

Ignacio Sols, Universidad Complutense, Madrid, *Title to be announced*.

Luis Vega, Universidad del País Vasco, Bilbao, *Title to be announced*.

Efim Zelmanov, Yale University, *Title to be announced.*

Special Sessions

Affine Algebraic Geometry, **Jaime Gutierrez**, University of Cantabria, **Vladimir Shpilrain**, City College of New York, and **Jie-Tai Yu**, University of Hong Kong.

Algebraic Geometry, **Felix Delgado**, Universidad de Valladolid, and **Andrey N. Todorov**, University of California Santa Cruz.

Algebraic Topology, **Alejandro Adem**, University of Wisconsin, **J. Aguade**, Universitat Autònoma de Barcelona, and **Eric M. Friedlander**, Northwestern University.

Banach Spaces of Analytic Functions, **Daniel Girela**, University of Malaga, and **Michael Stessin**, SUNY at Albany.

Biomolecular Mathematics, **Thomas J. Head** and **Fernando Guzman**, SUNY at Binghamton, **Mario Perez**, Universidad de Sevilla, and **Carlos Martín-Vide**, Rovira i Virgili University.

Classical and Harmonic Analysis, **Nets Katz**, Washington University, **Carlos Perez**, Universidad de Sevilla, and **Ana Vargas**, Universidad Autònoma de Madrid.

Combinatorics, **Joseph E. Bonin**, George Washington University, and **Marc Noy**, Universitat Politècnica de Catalunya.

Commutative Algebra: Geometric, Homological, Combinatorial and Computational Aspects, **Alberto Corso**, University of Kentucky, **Philippe Gimenez**, Universidad de Valladolid, and **Santiago Zarzuela**, Universitat de Barcelona.

Computational Methods in Algebra and Analysis, **Eduardo Cattani**, University of Massachusetts, Amherst, and **Francisco Jesus Castro-Jimenez**, Universidad de Sevilla.

Constructive Approximation Theory, **Antonio Duran**, Universidad de Sevilla, and **Edward B. Saff**, Vanderbilt University.

Control and Geometric Mechanics, **Manuel de Leon**, Instituto de Matemáticas y Física Fundamental, **Alberto Ibort**, Universidad Carlos III, and **Francesco Bullo**, University of Illinois, Urbana-Champaign.

Differential Galois Theory, **Teresa Crespo** and **Zbigniew Hajto**, Universitat de Barcelona, and **Andy R. Magid**, University of Oklahoma.

Differential Structures and Homological Methods in Commutative Algebra and Algebraic Geometry, **Gennady Lyubeznik**, University of Minnesota, and **Luis Narvaez-Macarro**, Universidad de Sevilla.

Discrete and Computational Geometry, **Ferran Hertado**, Universitat Politècnica de Catalunya, and **William Steiger**, Rutgers University.

Dynamical Systems, **George Haller**, Massachusetts Institute of Technology, **Zbigniew H. Nitecki**, Tufts University, **Enrique Ponce**, Universidad de Sevilla, **Tere M. Seara**, Universitat Politècnica de Catalunya, and **Xavier Jarque**, Universitat Autònoma de Barcelona.

Effective Analytic Geometry over Complete Fields, **Luis-Miguel Pardos**, Universidad de Cantabria, and **J. Maurice Rojas**, Texas A&M University.

Geometric Methods in Group Theory, **José Burillo**, Universitat Politècnica de Catalunya, **Jennifer Tayback**, University of Albany, and **Enric Ventura**, Universitat Politècnica de Catalunya.

History of Modern Mathematics—Gauss to Wiles, **Jose Ferreiros**, Universidad de Sevilla, and **David Rowe**, Universität Mainz.

Homological Methods in Banach Space Theory, **Jesus M. F. Castillo**, Universidad de Extremadura, and **N. J. Kalton**, University of Missouri.

Homotopy Algebras, **Pedro Real**, Universidad de Sevilla, **Thomas J. Lada**, North Carolina State University, and **James Stasheff**, University of North Carolina.

Interpolation Theory, Function Spaces and Applications, **Fernando Cobos**, Universidad Complutense de Madrid, and **Pencho Petrushev**, University of South Carolina.

Lorentzian Geometry and Mathematical Relativity, **Luis J. Alias**, Universidad de Murcia, and **Gregory James Galloway**, University of Miami.

Mathematical Aspects of Semiconductor Modeling and Nano-technology, **Irene Martinez Gamba**, University of Texas at Austin, and **Jose Antonio Carrillo**, Universidad de Granada.

Mathematical Fluid Dynamics, **Diego Cordoba**, CSIC, Madrid, and Princeton University, **Susan Friedlander**, University of Illinois, Chicago, and **Marcos Antonio Fontelos**, Universidad Rey Juan Carlos.

Mathematical Methods in Finance and Risk Management, **Santiago Carrillo Menendez**, Universidad Autònoma de Madrid, **Antonio Falcos Montesinos**, Universidad Cardinal Herrera CEU, **Antonio Sanchez-Calle**, Universidad Autònoma de Madrid, and **Luis A. Seco**, University of Toronto at Mississauga.

Mathematics of Electronmicroscopic Imaging, **Jose-Maria Carazo**, Centro Nacional de Biotecnología-CSIC, and **Gabor T. Herman**, City University of New York.

Moduli Spaces in Geometry and Physics, **Steven B. Bradlow**, University of Illinois, Urbana-Champaign, and **Oscar Garcia-Prada**, Universidad Autònoma de Madrid.

Nonassociative Algebras and Their Applications, **Efim I. Zelmanov**, Yale University, **Santos Gonzalez**, Universidad de Oviedo, and **Alberto Elduque**, Universidad de Zaragoza.

Nonlinear Dispersive Equations, **Gustavo Ponce**, University of California Santa Barbara, and **Luis Vega**, Universidad del País Vasco.

Numerical Linear Algebra, **Lothar Reichel**, Kent State University, and **Francisco Marcellan**, Universidad Carlos III de Madrid.

Operator Theory and Spaces of Analytic Functions, **Jose Bonet**, Universidad Politècnica de Valencia, **Pedro Paul**, Universidad de Sevilla, and **Cora S. Sadosky**, Howard University.

PDE Methods in Continuum Mechanics, **Juan L. Vazquez**, Universidad Autònoma de Madrid, and **J. W. Neuberger**, University of North Texas.

Polynomials and Multilinear Analysis in Infinite Dimensions, **Richard M. Aron**, Kent State University, **J. A. Jaramillo** and **Jose G. Llavona**, Universidad Complutense de Madrid, and **Andrew M. Tonge**, Kent State University.

Quantitative Results in Real Algebra and Geometry, **Carlos Andradas** and **Antonio Diaz-Cano**, Universidad Complutense, **Victoria Powers**, Emory University, and **Frank Sottile**, University of Massachusetts, Amherst.

Recent Developments in the Mathematical Theory of Inverse Problems, **Russell Brown**, University of Kentucky, **Alberto Ruiz**, Universidad Autónoma de Madrid, and **Gunther Uhlmann**, University of Washington.

Riemannian Foliations, **Jesus Antonio Alvarez Lopez**, Universidade de Santiago de Compostela, and **Efton L. Park**, Texas Christian University.

Ring Theory and Related Topics, **Jose Gomez-Torrecillas**, University of Granada, **Pedro Antonio Guil Asensio**, University of Murcia, **Sergio R. Lopez-Permouth**, Ohio University, and **Blas Torrecillas**, University of Almeria.

Variational Problems for Submanifolds, **Frank Morgan**, Williams College, and **Antonio Ros**, Universidad de Granada.

Boulder, Colorado

University of Colorado

October 2–4, 2003

Meeting #989

Joint Central/Western Sections

Associate secretaries: Susan J. Friedlander and Michel L. Lapidus

Announcement issue of *Notices*: August 2003

Program first available on AMS website: August 21, 2003

Program issue of electronic *Notices*: October 2003

Issue of *Abstracts*: Volume 24, Issue 4

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions:

June 6, 2003

For abstracts: August 12, 2003

Invited Addresses

J. Brian Conrey, American Institute of Mathematics, *Random matrix theory and the Riemann zeta-function*.

Giovanni Forni, Northwestern University, *Title to be announced*.

Juha M. Heinonen, University of Michigan, *Title to be announced*.

Joseph D. Lakey, New Mexico State University, *Recent progress in time-frequency analysis*.

Albert Schwarz, University of California Davis, *Maximally supersymmetric gauge theories*.

Brooke E. Shipley, Purdue University, *Title to be announced*.

Avi Wigderson, Institute for Advanced Study, *Title to be announced* (Erdős Memorial Lecture).

Special Sessions

Algebraic Geometry (Code: AMS SS M1), **Holger Kley**, **Rick Miranda**, and **Chris Peterson**, Colorado State University.

Algebras, Lattices and Varieties (Code: AMS SS A1), **Keith A. Kearnes**, University of Colorado, Boulder, **Agnes Szendrei**, Bolyai Institute, and **Walter Taylor**, University of Colorado, Boulder.

Analysis on Singular Spaces (Code: AMS SS L1), **Mario Bonk**, University of Michigan, and **Juha Heinonen**, Mathematical Sciences Research Institute.

Applications of Number Theory and Algebraic Geometry to Coding (Code: AMS SS B1), **David R. Grant**, University of Colorado, Boulder, **Jose Felipe Voloch**, University of Texas at Austin, and **Judy Leavitt Walker**, University of Nebraska, Lincoln.

Associative Rings and Their Modules (Code: AMS SS J1), **Gene Abrams**, University of Colorado, Colorado Springs, and **Kent Fuller**, University of Iowa.

Computational Number Theory (Code: AMS SS R1), **Brian Conrey** and **Michael Rubinstein**, American Institute of Mathematics.

Dynamics of Rational Polygonal Billiards and Related Systems (Code: AMS SS K1), **Giovanni Forni**, Northwestern University.

Finite Geometries (Code: AMS SS N1), **Stanley E. Payne**, University of Colorado, Denver, and **Robert Allen Liebler**, Colorado State University.

Geometric Methods in Partial Differential Equations (Code: AMS SS C1), **Jeanne N. Clelland**, University of Colorado, Boulder, and **George R. Wilkins**, University of Hawaii.

Graphs and Diagraphs (Code: AMS SS H1), **Michael Jacobson**, University of Colorado, Denver, and **Richard J. Lundgren**, University of Colorado, Denver.

Groupoids in Analysis and Geometry (Code: AMS SS D1), **Lawrence Baggett**, University of Colorado, Boulder, **Jerry Kaminker**, Indiana University-Purdue University Indianapolis, and **Judith Packer**, University of Colorado, Boulder.

Homotopy Theory (Code: AMS SS F1), **Daniel Dugger**, University of Oregon, and **Brooke E. Shipley**, Purdue University.

Noncommutative Geometry and Geometric Analysis (Code: AMS SS E1), **Carla Farsi**, **Alexander Gorokhovsky**, and **Siye Wu**, University of Colorado.

Nonlinear Waves (Code: AMS SS P1), **Bernard Deconinck**, Colorado State University, and **Harvey Segur**, University of Colorado, Boulder.

Structured Population and Epidemic Models: Periodicity, Chaos, and Extinction (Code: AMS SS G1), **Linda J. S. Allen**, Texas Technical University, and **Sophia R.-J. Jang**, University of Louisiana at Lafayette.

Ubiquitous Heat Kernel (Code: AMS SS Q1), **Jay Jorgenson**, City College of New York, and **Lynne Walling**, University of Colorado, Boulder.

Binghamton, New York

Binghamton University

October 11–12, 2003

Meeting #990

Eastern Section

Associate secretary: Lesley M. Sibner

Announcement issue of *Notices*: August 2003

Program first available on AMS website: August 28, 2003

Program issue of electronic *Notices*: October 2003

Issue of *Abstracts*: Volume 24, Issue 4

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions:
June 24, 2003

For abstracts: August 19, 2003

Invited Addresses

Peter Kuchment, Texas A&M University, *Title to be announced.*

Zlil Sela, Einstein Institute of Mathematics, *Title to be announced.*

Zoltan Szabo, Princeton University, *Title to be announced.*

Jeb F. Willenbring, Yale University, *Title to be announced.*

Special Sessions

Biomolecular Mathematics (Code: AMS SS A1), **Thomas J. Head** and **Dennis G. Pixton**, Binghamton University, **Mitsunori Ogihara**, University of Rochester, and **Carlos Martin-Vide**, Universitat Rovira i Virgili.

Boundary Value Problems on Singular Domains (Code: AMS SS C1), **Juan B. Gil**, Temple University, and **Paul A. Loya**, Binghamton University.

Character Theory of Finite Groups and Algebraic Combinatorics (Code: AMS SS P1), **Kenneth W. Johnson**, Pennsylvania State University, and **Eirini Poimenidou**, New College of Florida.

Dowling Lattices: The 30th Anniversary (Code: AMS SS N1), **Thomas Zaslavsky**, Binghamton University.

Finite Solvable Groups and Their Representations (Code: AMS SS K1), **Ben Brewster**, Binghamton University, and **Arnold Feldman**, Franklin & Marshall College.

Geometric Group Theory (Code: AMS SS B1), **Zlil Sela**, Einstein Institute of Mathematics, and **Ross Geoghegan**, Binghamton University.

Homotopy Theory: Honoring Peter Hilton on His Eightieth Birthday (Code: AMS SS J1), **Martin Bendersky** and **Joseph Roitberg**, Hunter College (CUNY).

Infinite Groups and Group Rings (Code: AMS SS D1), **Luise-Charlotte Kappe**, Binghamton University, and **Derek J. S. Robinson**, University of Illinois, Urbana-Champaign.

Inverse Problems and Tomography (Code: AMS SS H1), **Peter Kuchment**, Texas A&M University, **Leonid A. Kunyansky**, University of Arizona, and **Eric Todd Quinto**, Tufts University.

Lie Algebras, Conformal Field Theory, and Related Topics (Code: AMS SS E1), **Chongying Dong**, University of California Santa Cruz, and **Alex J. Feingold** and **Gaywalee Yamskulna**, Binghamton University.

Manifold Theory (Code: AMS SS L1), **Erik K. Pedersen**, Binghamton University, and **Ian Hambleton**, McMaster University.

Noncommutative Ring Theory (Code: AMS SS M1), **Howard E. Bell** and **Yuanlin Li**, Brock University.

Probability Theory (Code: AMS SS F1), **Miguel A. Arcones**, Binghamton University, and **Evarist Gine**, University of Connecticut.

Statistics (Code: AMS SS G1), **Miguel A. Arcones**, **Anton Schick**, and **Qiqing Yu**, Binghamton University.

Chapel Hill, North Carolina

University of North Carolina at Chapel Hill

October 24–25, 2003

Meeting #991

Southeastern Section

Associate secretary: John L. Bryant

Announcement issue of *Notices*: August 2003

Program first available on AMS website: September 11, 2003

Program issue of electronic *Notices*: October 2003

Issue of *Abstracts*: Volume 24, Issue 4

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions:
July 19, 2003

For abstracts: September 3, 2003

Invited Addresses

James N. Damon, University of North Carolina, *Title to be announced.*

Erica L. Flapan, Pomona College, *Title to be announced.*

Mary Ann Horn, Vanderbilt University, *Title to be announced.*

Helmut Voelklein, University of Florida, *Title to be announced.*

Special Sessions

Association Schemes: 1973–2003 (Code: AMS SS F1), **William J. Martin**, Worcester Polytechnic Institute, and **Dijen K. Ray-Chaudhuri**, Ohio State University.

Ergodic Theory (Code: AMS SS B1), **Idris Assani**, University of North Carolina.

Group Actions on Curves (Code: AMS SS A1), **Kay Magaard**, Wayne State University and University of Florida, and **Helmut Voelklein**, University of Florida.

Group Cohomology in Algebra and Geometry (Code: AMS SS E1), **Richard M. Hain**, Duke University, and **Kevin P. Knudson**, Mississippi State University.

Knots, Links, and Embedded Graphs (Code: AMS SS C1), **Joel S. Foisy**, SUNY at Potsdam, and **Erica L. Flapan**, Pomona College.

Linear Operators on Function Spaces (Code: AMS SS G1), **Nathan S. Feldman**, Washington and Lee University, and **William T. Ross**, University of Richmond.

Measurable, Complex, and Symbolic Dynamics (Code: AMS SS D1), **Jane M. Hawkins** and **Karl E. Petersen**, University of North Carolina at Chapel Hill.

Bangalore, India

Indian Institute of Science

December 17–20, 2003

Meeting #992

First Joint AMS-India Mathematics Meeting

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: Expired

For consideration of contributed papers in Special Sessions:
Not applicable

For abstracts: September 1, 2003

Invited Addresses

R. Balasubramanian, Institute for Mathematical Sciences, *Title to be announced.*

George C. Papanicolaou, Stanford University, *Title to be announced.*

M. S. Raghunathan, Tata Institute of Fundamental Research, *Title to be announced.*

Peter Sarnak, Princeton University and NYU-Courant Institute, *Title to be announced.*

K. B. Sinha, Indian Statistical Institute, *Title to be announced.*

Vladimir Voevodsky, Institute for Advanced Study, *Title to be announced.*

Special Sessions

Algebraic and Geometric Methods in Multivariable Operator Theory, **Ronald G. Douglas**, Texas A&M University, and **Gadadhar Misra**, Indian Statistical Institute.

Algebraic and Geometric Topology, **Parameswaren Sankaran**, Institute of Mathematical Sciences, and **P. B. Shalen**, University of Illinois.

Automorphic Forms and Functoriality, **James Cogdell**, Oklahoma State University, and **T. N. Venkataramana**, Tata Institute of Fundamental Research.

Buildings and Group Theory, **N. S. Narasimha Sastry**, Indian Statistical Institute, and **Richard M. Weiss**, Tufts University.

Commutative Algebra and Algebraic Geometry, **Sudhir Ghorpade**, Indian Institute of Technology, Bombay, **Hema Srinivasan**, University of Missouri, and **Jugal K. Verma**, Indian Institute of Technology, Bombay.

Cycles, K-Theory, and Motives, **Eric M. Friedlander**, Northwestern University, **Steven Lichtenbaum**, Brown University, **Kapil Paranjape**, Institute of Mathematical Sciences, and **Vasudevan Srinivas**, Tata Institute of Fundamental Research.

Differential Equations and Applications to Population Dynamics, Epidemiology, Genetics and Microbiology, **Bindhyachal Rai**, University of Allahabad, **Sanjay Rai**, Jacksonville University, **Terrance Quinn**, Ohio University Southern, and **Sunil Tiwari**, Sonoma State University.

History of Indian Mathematics, **Gerard G. Emch**, University of Florida, and **R. Sridharan**, Chennai Mathematical Institute.

L-Functions, Automorphic Forms and Cryptography, **R. Balasubramanian**, Institute of Mathematical Sciences, and **K. Soundararajan**, University of Michigan.

The Many Facets of Linear Algebra and Matrix Theory, **Richard Brualdi**, University of Wisconsin, and **Rajendra Bhatia**, Indian Statistical Institute.

PDE and Applications, **Susan B. Friedlander**, University of Illinois, and **P. N. Srikanth**, Tata Institute of Fundamental Research.

Probability Theory, **Rajeeva Karandikar**, Indian Statistical Institute, and **Srinivasa R. S. Varadhan**, NYU-Courant Institute.

Quantum Dynamics, **William Arveson**, University of California Berkeley, and **B. V. Rajarama Bhat**, Indian Statistical Institute.

Reductive Groups: Arithmetic, Geometry and Representation Theory, **Vikram Mehta** and **R. Parimala**, Tata Institute of Fundamental Research, and **Gopal Prasad**, University of Michigan, Ann Arbor.

Spectral and Inverse Spectral Theories of Schrödinger Operators, **Peter David Hislop**, University of Kentucky, and **Krishna Maddaly**, Institute of Mathematical Sciences.

Phoenix, Arizona

Phoenix Civic Plaza

January 7–10, 2004

Wednesday – Saturday

Meeting #993

Joint Mathematics Meetings, including the 110th Annual Meeting of the AMS, 87th 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), the winter meeting of the Association for Symbolic Logic (ASL), with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: October 2003

Program first available on AMS website: November 1, 2003

Program issue of electronic *Notices*: January 2004

Issue of *Abstracts*: Volume 25, Issue 1

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions:
August 6, 2003

For abstracts: October 1, 2003

For summaries of papers to MAA organizers: To be announced

Tallahassee, Florida

Florida State University

March 12–13, 2004

Meeting #994

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 13, 2003

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

For abstracts: To be announced

Athens, Ohio

Ohio University

March 26–27, 2004

Meeting #995

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

Los Angeles, California

University of Southern California

April 3–4, 2004

Meeting #996

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

Contact and Symplectic Geometry (Code: AMS SS A1),
Dragomir Dragnev, Ko Honda, and **Sang Seon Kim**, University of Southern California.

Lawrenceville, New Jersey

Rider University

April 17–18, 2004

Meeting #997

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 17, 2003
For consideration of contributed papers in Special Sessions:
To be announced
For abstracts: To be announced

Special Sessions

Algebraic Geometry and Mirror Symmetry (Code: AMS SS D1), **Ciprian Borcea**, Rider University.

Automorphic Forms and Analytic Number Theory (Code: AMS SS A1), **Stephen Miller**, Rutgers University, and **Ramin Takloo-Bighash**, Princeton University.

Geometry of Protein Modelling (Code: AMS SS E1), **Ileana Streinu**, Smith College, and **Jack Snoeyink**, University of North Carolina at Chapel Hill.

Homotopy (Code: AMS SS C1), **Martin Bendersky**, Hunter College, and **Donald Davis**, Lehigh University.

Tomography and Integral Geometry (Code: AMS SS B1), **Andrew Markoe**, Rider University, and **Eric Todd Quinto**, Tufts University.

Houston, Texas

University of Houston

May 13–15, 2004

Sixth International Joint Meeting of the AMS and the Sociedad Matemática Mexicana (SMM).

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

Nashville, Tennessee

Vanderbilt University

October 16–17, 2004

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 16, 2004
For consideration of contributed papers in Special Sessions:
To be announced
For abstracts: To be announced

Albuquerque, New Mexico

University of New Mexico

October 16–17, 2004

Southeastern Section
Associate secretary: Michel L. Lapidus
Announcement issue of *Notices*: To be announced
Program first available on AMS website: To be announced
Program issue of electronic *Notices*: To be announced
Issue of *Abstracts*: To be announced

Deadlines

For organizers: March 16, 2004
For consideration of contributed papers in Special Sessions:
To be announced
For abstracts: To be announced

Pittsburgh, Pennsylvania

University of Pittsburgh

November 6–7, 2004

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: April 7, 2004
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

*Wednesday – Saturday
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

Newark, Delaware

University of Delaware

April 2–3, 2005

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

Mainz, Germany

Deutsche Mathematiker-Vereinigung (DMV) and the Osterreichische Mathematische Gesellschaft (OMG)

June 16–19, 2005

Second Joint AMS-Deutsche Mathematiker-Vereinigung (DMV) Meeting
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 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

MEETINGS AND CONFERENCES

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 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