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# 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.

## Boulder, Colorado

*University of Colorado*

**October 2–4, 2003**

*Thursday–Saturday*

### Meeting #989

Western Section

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:  
Expired

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, *Nonsmooth calculus*.

**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, *Some insights of computational complexity theory* (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 at Colorado Springs, and **Kent Fuller**, University of Iowa.

*Computational and Mathematical Biology* (Code: AMS SS S1), **Harvey J. Greenberg**, University of Colorado at Denver.

*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 Tech 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

Saturday–Sunday

### 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:  
Expired

For abstracts: August 19, 2003

### Invited Addresses

**Peter Kuchment**, Texas A&M University, *Quantum graphs and their applications*.

**Zlil Sela**, Einstein Institute of Mathematics, *Diophantine geometry over groups and the elementary theory of free and hyperbolic groups*.

**Zoltan Szabo**, Princeton University, *Holomorphic disks and Floer homology for knots*.

**Jeb F. Willenbring**, Yale University, *Symmetric pairs*.

### Special Sessions

*Biomolecular Mathematics* (Code: AMS SS A1), **Thomas J. Head** and **Dennis G. Pixton**, Binghamton University, **Mitsunori Oghihara**, 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 of SUNY.

*Finite Solvable Groups and Their Representations* (Code: AMS SS K1), **Ben Brewster**, SUNY at Binghamton, 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.

*Quasigroups and Loops* (Code: AMS SS R1), **Tuval S. Foguel**, North Dakota State University, and **J. D. Phillips**, Wabash College.

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

*Topological Combinatorics* (Code: AMS SS Q1), **Laura M. Anderson**, Binghamton University, and **Edward B. Swartz**, Cornell University.

# Chapel Hill, North Carolina

*University of North Carolina at Chapel Hill*

**October 24–25, 2003**

*Friday–Saturday*

## 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:  
Expired

For abstracts: September 3, 2003

## Invited Addresses

**James N. Damon**, University of North Carolina, *Scale-based geometry and its role for computer imaging*.

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

**Mary Ann Horn**, Vanderbilt University, *Mathematical modeling and challenges in the development of drug resistance*.

**Helmut Voelklein**, University of Florida, *Interactions between group theory and algebraic curves via Riemann's Existence Theorem*.

## Special Sessions

*Algebras and Their Representations* (Code: AMS SS M1), **Edward L. Green**, Virginia Polytech Institute & State University, and **Ellen E. Kirkman**, Wake Forest University.

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

*Banach Algebras and Several Complex Variables* (Code: AMS SS J1), **John T. Anderson**, College of the Holy Cross, and **Alexander J. Izzo**, Bowling Green State University.

*Commutative Rings and Monoids* (Code: AMS SS K1), **Scott Chapman**, Trinity University.

*Current Topics in Optical Communications Systems* (Code: AMS SS Q1), **Rudy Horne** and **Tobias Schaefer**, 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.

*Homological Physics* (Code: AMS SS I1), **Thomas J. Lada**, North Carolina State University, and **James Stasheff**, University of North Carolina at Chapel Hill.

*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.

*Mathematical Modeling in Physiology and Medicine* (Code: AMS SS N1), **Mary Ann Horn**, Vanderbilt University.

*Mathematical Molecular Biology* (Code: AMS SS P1), **Dorothy Buck**, Brown University.

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

*Multi-scale Challenges in Soft Matter Materials* (Code: AMS SS L1), **Gregory M. Forest**, University of North Carolina, **Qi Wang**, Florida State University, and **Ruhai Zhou**, University of North Carolina.

*Nonlinear Wave Phenomena: Stability and Interactions* (Code: AMS SS H1), **Christopher Jones**, University of North Carolina at Chapel Hill, and **Bjorn Sandstede**, The Ohio State University.

# Bangalore, India

*India Institute of Science*

**December 17–20, 2003**

*Wednesday–Saturday*

## 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: Not applicable

Program issue of electronic *Notices*: Not applicable

Issue of *Abstracts*: Not applicable

## Deadlines

For organizers: To be announced

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

For abstracts: 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 New York University-Courant Institute, *Title to be announced.*

**K. B. Sinha**, India 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**, New York University-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:  
Expired

For abstracts: October 1, 2003

For summaries of papers to MAA organizers:  
September 9, 2003

**Joint Invited Addresses**

**Bonnie Berger**, Massachusetts Institute of Technology, *Title to be announced* (AMS-MAA).

**Stephen Wolfram**, Wolfram Research Inc., *Title to be announced* (AMS-MAA).

**Joint Special Sessions**

*Classical and Nonlinear Special Functions* (Code: SS 9A), **Peter A. Clarkson**, University of Kent, **Francisco Marcellan**, Universidad Carlos III, and **Peter A. McCoy**, U. S. Naval Academy (AMS-SIAM).

*Coding, Geometry, and Hyperbolic Dynamics* (Code: SS 21A), **Svetlana R. Katok**, Pennsylvania State University, and **Boris Hasselblatt**, Tufts University (AMS-AWM).

*History of Mathematics* (Code: SS 6A), **Joseph W. Dauben**, Lehman College (CUNY), and **David E. Zitarelli**, Temple University (AMS-MAA).

*Infinite Combinatorics and Inner Model Theory* (Code: SS 22A), **Matthew D. Foreman** and **Martin Zeman**, University of California Irvine (AMS-ASL).

*Mathematical Techniques in Musical Analysis* (Code: SS 1A), **Judith L. Baxter**, University of Illinois at Chicago, and **Robert W. Peck**, Louisiana State University (AMS-MAA).

*Mathematics and Education Reform* (Code: SS 17A), **William H. Barker**, Bowdoin College, **Jerry L. Bona** and **Naomi Fisher**, University of Illinois at Chicago, **Kenneth C. Millett**, University of California Santa Barbara, and **Bonnie Saunders**, University of Illinois at Chicago (AMS-MAA-MER).

*Research in Mathematics by Undergraduates* (Code: SS 20A), **Darren A. Narayan**, **Carl V. Lutzer**, and **Tamara A. Burton**, Rochester Institute of Technology (AMS-MAA-SIAM).

### AMS Invited Addresses

**Michael Aschbacher**, California Institute of Technology, *The status of the classification of the finite simple groups*.

**Hyman Bass**, University of Michigan, *Title to be announced* (AMS Retiring Presidential Address).

**Sun-Yang Alice Chang**, Princeton University, *Conformal invariants and partial differential equations* (Colloquium Lectures).

**Eric Lander**, Whitehead Institute for Biomedical Research, *Title to be announced* (Josiah Willard Gibbs Lecture).

**Gregory F. Lawler**, Cornell University, *Random planar curves and conformal invariance*.

**Eva Tardos**, Cornell University, *Title to be announced*.

**James A. Yorke**, University of Maryland, *Properties of "almost every"  $C^1$  image of compact sets*.

### AMS Special Sessions

*Arithmetical Algebraic Geometry* (Code: SS 33A), **Kirti Joshi**, **Minhyong Kim**, and **Adrian Vasiu**, University of Arizona.

*Celestial Mechanics* (Code: SS 10A), **Samuel R. Kaplan**, University of North Carolina at Asheville, and **Gareth E. Roberts**, College of the Holy Cross.

*Coding and Design-Theoretic Applications of Polynomials* (Code: SS 2A), **Donald D. Mills**, Southern Illinois University, Carbondale, **Patrick S. Mitchell**, Midwestern State University, and **Kent M. Neuerburg**, Southeastern Louisiana University.

*Competitive and Adaptive Dynamics in Ecology* (Code: SS 15A), **Carlos Castillo-Chavez**, Los Alamos National Laboratory, **Yang Kuang**, Arizona State University, **Bai-Lian Li**, University of California Riverside, and **Horst R. Thieme**, Arizona State University.

*Continued Fractions* (Code: SS 26A), **James G. McLaughlin** and **Nancy J. Wyshinski**, Trinity College.

*Current Events* (Code: SS 18A), **David Eisenbud**, Mathematical Sciences Research Institute and University of California Berkeley.

*Discrete Dynamics and Difference Equations* (Code: SS 16A), **Saber N. Elaydi**, Trinity University, **Jim M. Cushing**, University of Arizona, **Gerasimos Ladas**, University of Rhode Island, and **James A. Yorke**, University of Maryland, College Park.

*Fixed Points: Theory and Application* (Code: SS 4A), **Robert F. Brown** and **Mark S. Burgin**, University of California Los Angeles.

*Geometric Structures on Manifolds* (Code: SS 31A), **Tedi C. Draghici**, **Gueo V. Grantcharov**, and **Philippe Rukimbira**, Florida International University.

*Geometry and Combinatorics* (Code: SS 32A), **Michael J. Falk**, Northern Arizona University, **Eva-Maria Feichtner**, ETH Zurich, and **Dmitry N. Kozlov**, Bern University.

*Low-Dimensional Topology* (Code: SS 7A), **Tim D. Cochran**, Rice University.

*The Many Lives of Lattice Theory and the Theory of Ordered Sets, with Connections to Combinatorics* (Code: SS 29A), **Jonathan D. Farley**, Massachusetts Institute of Technology, and **Stefan E. Schmidt**, New Mexico State University.

*Mathematical Modeling in Neuroscience, Biomedicine, Genetics, and Epidemiology* (Code: SS 14A), **Steven M. Baer**, Arizona State University, **Ivo D. Dinov**, University of California Los Angeles, and **Frank C. Hoppensteadt** and **Hal L. Smith**, Arizona State University.

*Mathematics in Natural Resource Modeling* (Code: SS 11A), **Catherine A. Roberts**, College of the Holy Cross, and **Suzanne M. Lenhart**, University of Tennessee.

*Modern Function Theory* (Code: SS 27A), **Beth Schaubroeck**, U. S. Air Force Academy, **Peter L. Duren**, University of Michigan, Ann Arbor, and **John A. Pfaltzgraff**, University of North Carolina at Chapel Hill.

*Multiscale and Oscillatory Phenomena: Modeling, Numerical Techniques, and Applications* (Code: SS 23A), **Richard Tsai**, Princeton University, and **Luminita A. Vese**, University of California Los Angeles.

*Nonassociative Algebra* (Code: SS 12A), **Murray R. Bremner**, University of Saskatchewan, **Irvin R. Hentzel**, Iowa State University, and **Luiz A. Peresi**, University of Sao Paulo.

*Nonlinear PDEs and Variational Problems* (Code: SS 5A), **David A. Hartenstine**, University of Utah, **Ahmed Mohammed**, Ball State University, **John M. Neuberger**, Northern Arizona State University, and **John W. Neuberger**, University of North Texas.

*Nonlinear Partial Differential Equations and Conformal Geometry* (Code: SS 34A), **Jie Qing**, University of California Santa Cruz, and **Yu Yuan**, University of Washington, Seattle.

*Nonstandard Methods* (Code: SS 8A), **Matt Insall**, University of Missouri at Rolla, **Peter A. Loeb**, University of Illinois at Urbana-Champaign, and **David A. Ross**, University of Hawaii.

*Partial Differential Equations and Applications* (Code: SS 24A), **Xin Lu**, University of North Carolina at Wilmington, **Yan-Wei Qi**, University of California Santa Barbara, **Weiqing Xie**, California State Polytech University, and **Hong-Ming Yin**, Washington State University.

*Probability and Its Applications in Combinatorics and Algorithms* (Code: SS 13A), **Russell D. Lyons**, Indiana University, and **Yuval Peres**, University of California Berkeley.

*Smooth Dynamical Systems and Applications* (Code: SS 30A), **Qiu-dong Wang** and **Maciej P. Wojtkowski**, University of Arizona.

*Theory and Applications of Orthogonal Polynomials* (Code: SS 25A), **Mourad E. H. Ismail**, University of South Florida, and **Barry Simon**, California Institute of Technology.

*Time Scales and Applications* (Code: SS 19A), **Martin J. Bohner**, University of Missouri at Rolla, **Billur Kaymakçalan**, Georgia Southern University, and **Allan C. Peterson**, University of Nebraska.

*Topological Dynamics and Ergodic Theory* (Code: SS 28A), **Alica Miller** and **Joseph Rosenblatt**, University of Illinois at Urbana-Champaign.

*Value Distribution Theory in Classical and  $p$ -adic Function Theory* (Code: SS 3A), **Alain Escassut**, Université Blaise Pascal, **Ilpo Laine**, University of Joensuu, and **Chung-Chun Yang**, Hong Kong University of Science and Technology.

## Tallahassee, Florida

*Florida State University*

**March 12–13, 2004**

*Friday–Saturday*

### Meeting #994

Southeastern Section

Associate secretary: John L. Bryant

Announcement issue of *Notices*: January 2004

Program first available on AMS website: January 29, 2004

Program issue of electronic *Notices*: March 2004

Issue of *Abstracts*: To be announced

### Deadlines

For organizers: August 13, 2003

For consideration of contributed papers in Special Sessions:  
November 25, 2003

For abstracts: January 20, 2004

## 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*: To be announced

### Deadlines

For organizers: August 26, 2003

For consideration of contributed papers in Special Sessions:  
December 9, 2003

For abstracts: February 3, 2004

### Invited Addresses

**Mario Bonk**, University of Michigan, *Title to be announced.*

**Irene M. Gamba**, University of Texas at Austin, *Title to be announced.*

**Rostislav I. Grigorchuk**, Steklov Institute of Mathematics, *Title to be announced.*

**Eric G. Zaslav**, Northwestern University, *Title to be announced.*

### Special Sessions

*Differential Equations and Control Theory* (Code: SS 1A), **Sergiu Aizicovici** and **Nicolai Pavel**, 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*: To be announced

### Deadlines

For organizers: To be announced

For consideration of contributed papers in Special Sessions:  
December 16, 2003

For abstracts: February 10, 2004

### Invited Addresses

**Dan Boneh**, Stanford University, *Title to be announced.*

**Maria E. Schonbek**, University of California Santa Cruz, *Title to be announced.*

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

**Christopher Martin Thiele**, University of California Los Angeles, *Title to be announced.*

**Special Sessions**

*Contact and Symplectic Geometry* (Code: SS 1A), **Dragomir Dragnev**, **Ko Honda**, and **Sang Seon Kim**, University of Southern California.

# 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*: To be announced

**Deadlines**

For organizers: September 17, 2003

For consideration of contributed papers in Special Sessions:  
December 30, 2003

For abstracts: February 24, 2004

**Invited Addresses**

**Sylvia Serfaty**, New York University-Courant Institute,  
*Title to be announced.*

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

**Gaoyong Zhang**, Polytechnic University, *Title to be announced.*

**Special Sessions**

*Automorphic Forms and Analytic Number Theory* (Code: SS 1A), **Stephen Miller**, Rutgers University, and **Ramin Takloo-Bighash**, Princeton University.

# Houston, Texas

*University of 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*: 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**

*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*: To be announced

**Deadlines**

For organizers: March 16, 2004

For consideration of contributed papers in Special Sessions:  
June 29, 2004

For abstracts: August 24, 2004

# 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 2, 2004

Program issue of electronic *Notices*: October 2004

Issue of *Abstracts*: To be announced

**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.*

## 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*: To be announced

### 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 Siedel, Imperial College-London and University of Chicago, *Title to be announced.*

## Pittsburgh, Pennsylvania

*University of Pittsburgh*

**November 6–7, 2004**

*Saturday–Sunday*

### Meeting #1002

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

## Bowling Green, Kentucky

*Western Kentucky University*

### Spring Dates to Be Announced

*Friday–Saturday*

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: To be announced

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*

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 Technical University*

**April 8–10, 2005**

*Friday–Sunday*  
 Southeastern Section  
 Associate secretary: Susan J. Friedlander  
 Announcement issue of *Notices*: To be announced  
 Program first available on AMS website: To be announced  
 Program issue of electronic *Notices*: To be announced  
 Issue of *Abstracts*: To be announced

### Deadlines

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

## Mainz, Germany

**June 16–19, 2005**

*Thursday–Sunday*  
*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

### Invited Addresses

**Helene Esnault**, University of Essen, *Title to be announced.*  
**Christian Krattenthaler**, University of Lyon, *Title to be announced.*  
**Frank Natterer**, University of Muenster, *Title to be announced.*

## 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

## 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 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