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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/>. Final programs for Sectional Meetings will be archived on the AMS website accessible from the stated URL and in an electronic issue of the *Notices* as noted below for each meeting.

## Hoboken, New Jersey

*Stevens Institute of Technology*

**April 14–15, 2007**

*Saturday – Sunday*

### Meeting #1026

Eastern Section

Associate secretary: Lesley M. Sibner

Announcement issue of *Notices*: February 2007

Program first available on AMS website: March 8, 2007

Program issue of electronic *Notices*: April 2007

Issue of *Abstracts*: Volume 28, Issue 2

### Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions: Expired

For abstracts: Expired

### Invited Addresses

**Neal Koblitz**, University of Washington, *Stormy marriage—A periodization of the history of the relationship between mathematics and cryptography.*

**Florian Luca**, Universidad Nacional Autónoma de México, *Values of arithmetic functions.*

**Natasa Pavlovic**, Princeton University, *The enigma of the equations of fluid motion: A survey of existence and regularity results.*

**Elisabeth Werner**, Case Western Reserve University, *Convex bodies: Best and random approximation.*

### Special Sessions

*Affine Invariants, Randomness, and Approximation in Convex Geometry*, **Elisabeth Werner**, Case Western Reserve University, and **Artem Zvavitch**, Kent State University.

*Automorphic Forms and Arithmetic Geometry*, **Gautam Chinta**, City College of New York, and **Paul E. Gunnells**, University of Massachusetts, Amherst.

*Combinatorial Algebraic Geometry*, **Angela C. Gibney**, University of Pennsylvania, and **Diane Maclagan**, Rutgers University.

*Convex Sets*, **David Larman**, University College London, and **Valeriu Soltan**, George Mason University.

*Differential Algebra*, **Phyllis J. Cassidy**, Smith College and The City College of CUNY, **Richard C. Churchill**, Hunter College and The Graduate Center of CUNY, **Li Guo** and **William F. Keigher**, Rutgers University at Newark, and **Jerald J. Kovacic** and **William Sit**, The City College of CUNY.

*Fourier Analysis and Convexity*, **Alexander Koldobsky**, University of Missouri Columbia, and **Dmitry Ryabogin**, Kansas State University.

*Graph Theory and Combinatorics*, **Daniel J. Gross**, **Nathan W. Kahl**, and **John T. Saccoman**, Seton Hall University, and **Charles L. Suffel**, Stevens Institute of Technology.

*History of Mathematics on Leonhard Euler's Tercentenary*, **Patricia R. Allaire**, Queensborough Community College, CUNY, and **Robert E. Bradley** and **Lee J. Stemkoski**, Adelphi University.

*Languages and Groups*, **Sean Cleary**, The City College of New York and CUNY Graduate Center, **Murray J. Elder**, Stevens Institute of Technology, and **Gretchen Ostheimer**, Hofstra University.

*Mathematical Aspects of Cryptography*, **Robert H. Gilman**, Stevens Institute of Technology, **Neal I. Koblitz**, University of Washington, and **Susanne Wetzels**, Stevens Institute of Technology.

*Nonlinear Waves in Dissipative/Dispersive Media*, **Keith S. Promislow**, Michigan State University, and **Yi Li**, Stevens Institute of Technology.

*Number Theory*, **Florian Luca**, Universidad Nacional Autónoma de México, and **Allison M. Pacelli**, Williams College.

*Optimization of Stochastic Systems*, **Darinka Dentcheva**, Stevens Institute of Technology, and **Andrzej Ruszczyński**, Rutgers University.

## Tucson, Arizona

University of Arizona

April 21–22, 2007

Saturday – Sunday

### Meeting #1027

Western Section

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: February 2007

Program first available on AMS website: March 8, 2007

Program issue of electronic *Notices*: April 2007

Issue of *Abstracts*: Volume 28, Issue 2

### Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions: Expired

For abstracts: Expired

### Invited Addresses

**Liliana Borcea**, Rice University, *Array imaging in random media*.

**James Cushing**, University of Arizona, Tucson, *Matrix population models & semelparity*.

**Hans Lindblad**, University of California, San Diego, *The weak null condition and global existence for Einstein's equations*.

**Vinayak Vatsal**, University of British Columbia, Vancouver, *Local splitting of ordinary Galois representations*.

### Special Sessions

*Advances in Spectral Theory of Operators*, **Roger Roybal**, California State University, Channel Islands, and **Michael D. Wills**, Weber State University.

*Algebraic Combinatorics*, **Helene Barcelo** and **Susanna Fishel**, Arizona State University.

*Automorphisms of Curves*, **Aaron D. Wootton**, University of Portland, **Anthony Weaver**, Bronx Community

College, and **S. Allen Broughton**, Rose-Hulman Institute of Technology.

*Graph Theory and Combinatorics*, **Sebastian M. Cioaba**, University of California at San Diego, and **Joshua Cooper**, University of South Carolina.

*Inverse Problems for Wave Propagation*, **Liliana Borcea**, Rice University.

*Mathematical Modeling in Biology and Medicine*, **Carlos Castillo-Chavez**, **Yang Kuang**, **Hal L. Smith**, and **Horst R. Thieme**, Arizona State University.

*Moduli Spaces and Invariant Theory*, **Philip Foth** and **Yi Hu**, University of Arizona.

*New Developments and Directions in Random Matrix Theory*, **Peter David Miller**, University of Michigan, and **Estelle Basor**, California Polytechnic State University.

*Number Theory in the Southwest*, **Dinesh S. Thakur** and **Douglas L. Ulmer**, University of Arizona.

*Operator Algebras*, **Steven P. Kaliszewski**, **Jack Spielberg**, and **John C. Quigg**, Arizona State University.

*Partial Differential Equations and Geometric Analysis*, **Sunhi Choi**, **Lennie Friedlander**, and **David Alan Glickenstein**, University of Arizona.

*Representations of Algebras*, **Frauke Maria Bleher**, University of Iowa, **Birge K. Huisgen-Zimmermann**, University of California Santa Barbara, and **Dan Zacharia**, Syracuse University.

*Special Functions and Orthogonal Polynomials*, **Diego Dominici**, State University of New York at New Paltz, and **Robert S. Maier**, University of Arizona.

*Spectral Analysis on Singular and Noncompact Manifolds*, **Juan Bautista Gil**, Pennsylvania State University, and **Thomas Krainer**, Pennsylvania State University.

*Subjects in and around Fluid Dynamics*, **Robert Owczarek**, Los Alamos National Laboratory, and **Mikhail Stepanov**, University of Arizona.

## Zacatecas, Mexico

Universidad Autónoma de Zacatecas

May 23–26, 2007

Wednesday – Saturday

### Meeting #1028

*Seventh Joint International Meeting of the AMS and the Sociedad Matemática Mexicana*.

Associate secretary: Matthew Miller

Announcement issue of *Notices*: April 2007

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 abstracts: April 20, 2007

## Invited Addresses

**Monica Clapp**, Universidad Nacional Autónoma de México, *Multiple solutions to an elliptic equation with critical nonlinearity*.

**Edward L. Green**, Virginia Polytechnic Institute & State University, *Koszul Algebras: A very special class of algebras*.

**Kiran S. Kedlaya**, Massachusetts Institute of Technology, *Title to be announced*.

**John Lott**, University of Michigan, Ann Arbor, *Curvature of metric spaces*.

**Gelasio Salazar**, Universidad Autónoma de San Luis Potosí, *Crossing numbers of graphs in surfaces*.

**Petr Zhevandrov**, Universidad Michoacana de San Nicolás de Hidalgo, *Title to be announced*.

## Special Sessions

*Applied Category Theory: Graph-Operad Logic*, **Zbigniew Oziewicz**, UNAM, and **Hanna Makaruk**, Los Alamos National Laboratory.

*Applied Mathematics in Petroleum Industry Problems*, **Jorge Velasco-Hernandez**, Instituto Mexicano del Petróleo, and **William Fitzgibbon**, University of Houston.

*Convexity*, **Luis Montejano**, UNAM, and **Paul Goodey**, University of Oklahoma.

*Differential Geometry*, **Rafael Herrera Guzman**, CIMAT, Guanajuato, and **Haydee Herrera**, Rutgers University.

*Functional and Harmonic Analysis (in honor of Mischa Cotlar)*, **Salvador Perez Esteve**, UNAM, Cuernavaca, and **Josefina Alvarez**, New Mexico State University.

*Holomorphic Dynamics in the Riemann Sphere (in memory of Adrien Douady)*, **Monica Moreno Rocha**, CIMAT, Guanajuato, and **Araceli Medina-Bonifant**, University of Rhode Island.

*Low Dimensional Topology*, **Mario Eudave-Munoz**, UNAM, and **Jennifer Schultens**, University of California Davis.

*Mathematical Physics*, **Jaime Cruz Sampedro**, Universidad Autónoma del Estado de Hidalgo, and **Daniel Tataru**, University of California Berkeley.

*Metric Differential Geometry*, **Catherine Searle**, UNAM, Cuernavaca, and **Gerard Walschap**, University of Oklahoma.

*Nonlinear Boundary Value Problems*, **Monica Clapp**, UNAM, and **Alfonso Castro**, Harvey Mudd College.

*Nonlinear Waves*, **Petr Zhevandrov**, Universidad Michoacana de San Nicolás de Hidalgo, and **Arturo Vargas** and **Gustavo Cruz**, UNAM.

*Operator Theory and Complex Analysis*, **Enrique Ramirez de Arellano** and **Nikolai Vasilevski**, CINVESTAV, and **Raul Curto**, University of Iowa, Iowa City.

*Representation Theory (in honor of Edward Green's 60th birthday)*, **Christof Geiss**, UNAM, and **Gordana Todorov**, Northeastern University.

*Rings and Modules*, **Maria Jose Arroyo**, UAM-Iztapalapa, and **Sergio R. Lopez-Permouth**, Ohio University.

## Conference Web Site

Most of the information in this announcement is taken from the website maintained by the local organizers. Watch <http://matematicas.reduaz.mx/JointMeeting/DefaultI.htm> for additional program details; links to sites for hotels, tours, other local information; and continuous updates.

## Abstracts

The deadline for abstract submission is April 20, 2007. Abstracts will be accepted for the Invited Addresses, Special Sessions, and a Session for Contributed Talks. Watch the conference website for the form and instructions for your electronic submission.

## Accommodations

Participants should make their own arrangements for accommodations.

**Hotel Emporio Zacatecas (SEDE)**, Av. Hidalgo No. 703, Centro Histórico, C.P. 98000 Zacatecas, telephone: 52-492-925-65-12; fax: 52-492-922-62-45; email: [zacatecas.grupos@hotelesemporio.com](mailto:zacatecas.grupos@hotelesemporio.com) is the headquarters hotel. See <http://www.hotelesemporio.com/eng/idt/66/emporio-zacatecas/> for more information. The conference rate is Mex\$1,053 or about US\$96 (including tax) per room. Participants should request the Joint Meeting rate when making reservations.

## Other hotels in the area:

**Hotel Santa Rita**, Av. Hidalgo No. 507, Centro Zacatecas, 52-492-925-41-41; [www.hotelesantarita.com](http://www.hotelesantarita.com).

**Hotel Casona de los Vitrales**, Callejón del Espejo No. 104, Centro Zacatecas; 52-492-925-00-96; email: [ventas1@lasasonadelosvitrales.com.mx](mailto:ventas1@lasasonadelosvitrales.com.mx); [www.lacsonadelosvitrales.com.mx](http://www.lacsonadelosvitrales.com.mx).

**Hotel Mesón del Jobito**, Jardín Juárez No. 143, Centro Colonial, Zacatecas; 52-492-924-17-22; email: [gruos@mesondejobito.com](mailto:gruos@mesondejobito.com); [www.mesondejobito.com/](http://www.mesondejobito.com/).

**Hotel Casa Torres**, Calle 1° de Mayo No. 325, Centro Histórico, Zacatecas; 52-492-925-32-66, email: [ventas@hotelcasatorres.com](mailto:ventas@hotelcasatorres.com); [www.hotelcasatorres.com](http://www.hotelcasatorres.com).

**Hotel del Bosque Teleférico**, Periférico Díaz Ordaz No. 602, Centro, Zacatecas; 52-492-922-07-45; email: [ventasdelbosqueteleferico@yahoo.com](mailto:ventasdelbosqueteleferico@yahoo.com); [hotelesdelbosque.com.mx](http://hotelesdelbosque.com.mx).

**Hotel Don Miguel**, Prolongación Calle del Plomo s/n, Zacatecas; email: [dircomercial.grupoinguanzo@yahoo.com](mailto:dircomercial.grupoinguanzo@yahoo.com); [www.donmiguel.com/mx/DM/Index\\_DM.htm](http://www.donmiguel.com/mx/DM/Index_DM.htm).

## Registration and Meeting Information

Sessions will be held at the University of Zacatecas. See the conference website to register on line. There is a registration fee of US\$65.

## Social Events and Tours

All participants are invited to the Opening Ceremonies at 6:00 p.m. and Reception at 8:00 p.m. on Wednesday.

There are plans for a concert by the state band and a folk dancing demonstration on Thursday and Friday evenings. Also, there will be Closing Ceremonies on Saturday

at 1:30 p.m. and “Callejoneada” and dinner on Saturday evening beginning at 7:00 p.m. Please watch the conference website for ticket prices and further details.

### Travel

**By Air:** In a valley surrounded by steep hills is the city of Zacatecas, capital of the state of the same name, founded in 1546. Its majestic buildings and colonial churches were made possible by the wealth of earlier gold and silver miners, who amassed great fortunes from its hills. The city is home to some of the country’s most important art and history museums, and is renowned for its beautifully preserved and elegant pink limestone buildings. It is a true colonial gem and one of UNESCO’s World Heritage Sites. Zacatecas is approximately 651 km northwest of Mexico City. Its international airport (ZCL) is served by Mexicana, Líneas Aéreas Azteca, and Aeromar airlines. Rental cars are not recommended.

All U.S. citizens traveling by air must have a valid passport to re-enter the United States after traveling out of the country. See these pages maintained by the Bureau of Consular Affairs, U.S. Department of State for specific information about travel to Mexico at [http://travel.state.gov/travel/tips/regional/regional\\_1174.html](http://travel.state.gov/travel/tips/regional/regional_1174.html).

# Warsaw, Poland

*University of Warsaw*

**July 31 – August 3, 2007**

*Tuesday – Friday*

### Meeting #1029

*First Joint International Meeting between the AMS and the Polish Mathematical Society*

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: Expired

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

For abstracts: To be announced

### Invited Addresses

**Henryk Iwaniec**, Rutgers University, *Title to be announced*.

**Tomasz J. Luczak**, Adam Mickiewicz University, *Title to be announced*.

**Tomasz Mrowka**, Massachusetts Institute of Technology, *Title to be announced*.

**Ludomir Newelski**, University of Wrocław, *Title to be announced*.

**Madhu Sudan**, Massachusetts Institute of Technology, *Title to be announced*.

**Anna Zdunik**, Warsaw University, *Title to be announced*.

### Special Sessions

*Arithmetic Algebraic Geometry*, **Grzegorz Banaszak**, Adam Mickiewicz University, **Eric Friedlander**, Northwestern University, **Wojciech Gajda**, Adam Mickiewicz University, **Piotr Krason**, Szczecin University, and **Wiesława Nizio**.

*Complex Analysis*, **Zeljko Cuckovic**, University of Toledo, **Zbigniew Blocki**, Jagiellonian University, and **Marek Ptak**, University of Agriculture.

*Complex Dynamics*, **Robert Devaney**, Boston University, **Jane N. Hawkins**, University of North Carolina, and **Janina Kotus**, Warsaw University of Technology.

*Complexity of Multivariate Problems*, **Joseph F. Traub**, Columbia University, **Grzegorz W. Wasilkowski**, University of Kentucky, and **Henryk Wozniakowski**, Columbia University.

*Control and Optimization of Non-linear PDE Systems*, **Irena Lasiecka**, University of Virginia, and **Jan Sokolowski**, Systems Research Institute.

*Dynamical Systems*, **Steven Hurder**, University of Illinois at Chicago, **Michał Misiurewicz**, Indiana University-Purdue University Indianapolis, and **Paweł Walczak**, University of Łódź.

*Dynamics, Control and Optimization of Finite Dimensional Systems: Theory and Applications to Biomedicine*, **Urszula Forys**, Warsaw University, **Urszula Ledzewicz**, Southern Illinois University, and **Heinz Schaettler**, Washington University.

*Ergodic Theory and Topological Dynamics*, **Dan Rudolph**, Colorado State University, and **Mariusz Lemanczyk**, Nicholas Copernicus University.

*Extremal and Probabilistic Combinatorics*, **Joel Spencer**, New York University-Courant Institute, and **Michał Karoński** and **Andrzej Ruciński**, Adam Mickiewicz University.

*Function Spaces, Theory of Operators and Geometry of Banach Spaces*, **Henryk Hudzik**, Adam Mickiewicz University, **Anna Kaminska**, University of Memphis, and **Mieczysław Mastyło**.

*Geometric Applications of Homotopy Theory*, **Yuli B. Rudyak**, University of Florida, **Bogusław Hajduk**, Warsaw University, **Jarosław Kedra**, University of Aberdeen, and **Aleksy Tralle**, The College of Economics & Comp Science.

*Geometric Function Theory*, **Michael Dorff**, Brigham Young University, **Piotr Liczberski**, University of Łódź, **Maria Nowak**, Biblioteka Instytutu Matematyki, and **Ted Suffridge**, University of Kentucky.

*Geometric Group Theory*, **Mladen Bestvina**, University of Utah, **Tadeusz Januszkiwicz**, Ohio State University, and **Jacek Świątkowski**, University of Wrocław.

*Geometric Topology*, **Jerzy Dydak**, University of Tennessee, **Sławomir Nowak**, and **Stanisław Spiez**, University of Warsaw.

*Invariants of Links and 3-manifolds*, **Mieczysław Dabkowski**, University of Texas at Dallas, **Jozef H. Przytycki**, George Washington University, **Adam S. Siroka**, State

University of New York at Buffalo, and Pawel Traczyk, Warsaw University.

*Issues in Reforming Mathematics Education*, **Jeremy Kilpatrick**, University of Georgia, and **Zbigniew Semadeni**, University of Warsaw.

*Mathematics of Large Quantum Systems*, **Michael Loss**, Georgia Institute of Technology, **Jan Philip Solovej**, University of Copenhagen, and **Jan Dereziński**, University of Warsaw.

*Noncommutative Geometry and Quantum Groups*, **Paul Baum**, Pennsylvania State University, and **Ulrich Kraehmer** and **Tomasz Maszczyk**.

*Partial Differential Equations of Evolution Type*, **Susan J. Friedlander**, University of Illinois at Chicago, and **Grzegorz A. Karch**, University of Wrocław.

*Quantum Information Theory*, **Robert Alicki**, University of Gdansk, and **Mary Beth Ruskai**, Tufts University.

*Topological Fixed Point Theory and Related Topics*, **Jerzy Jezierski**, University of Agriculture, **Wojciech Kryszewski**, Nicholas Copernicus University, and **Peter Wong**, Bates College.

*Topology of Manifolds and Transformation Groups*, **Slawomir Kwasiński**, Tulane University, **Krzysztof Pawalowski**, Adam Mickiewicz University, and **Dariusz Wilczyński**, Utah State University.

## Chicago, Illinois

*DePaul University*

**October 5–6, 2007**

*Friday – Saturday*

### Meeting #1030

Central Section

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: August 2007

Program first available on AMS website: August 16, 2007

Program issue of electronic *Notices*: October 2007

Issue of *Abstracts*: Volume 28, Issue 3

### Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions: June 19, 2007

For abstracts: August 7, 2007

### Invited Addresses

**Martin Golubitsky**, University of Houston, *Title to be announced.*

**Matthew J. Gursky**, University of Notre Dame, *Title to be announced.*

**Alex Iosevich**, University of Missouri, *Title to be announced.*

**David E. Radford**, University of Illinois at Chicago, *Title to be announced.*

## Special Sessions

*Algebraic Combinatorics: Association Schemes and Related Topics* (Code: SS 1A), **Sung Y. Song**, Iowa State University, and **Paul Terwilliger**, University of Wisconsin.

*Algebraic Geometry* (Code: SS 5A), **Lawrence Man Hou Ein** and **Anatoly S. Libgober**, University of Illinois at Chicago.

*Extremal and Probabilistic Combinatorics* (Code: SS 3A), **Jozsef Balogh**, University of Illinois at Urbana-Champaign, and **Dhruv Mubayi**, University of Illinois at Chicago.

*Hopf Algebras and Related Areas* (Code: SS 2A), **Yevgenia Kashina** and **Leonid Krop**, DePaul University, **M. Susan Montgomery**, University of Southern California, and **David E. Radford**, University of Illinois at Chicago.

*The Euler and Navier-Stokes Equations* (Code: SS 4A), **Alexey Cheskidov**, University of Michigan, and **Susan J. Friedlander** and **Roman Shvydkoy**, University of Illinois at Chicago.

## New Brunswick, New Jersey

*Rutgers University-New Brunswick, Busch Campus*

**October 6–7, 2007**

*Saturday – Sunday*

### Meeting #1031

Eastern Section

Associate secretary: Lesley M. Sibner

Announcement issue of *Notices*: August 2007

Program first available on AMS website: August 16, 2007

Program issue of electronic *Notices*: October 2007

Issue of *Abstracts*: Volume 28, Issue 3

### Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions: June 19, 2007

For abstracts: August 7, 2007

### Invited Addresses

**Satyan L. Devadoss**, Williams College, *Title to be announced.*

**Tara S. Holm**, University of Connecticut, *Title to be announced.*

**Sir Roger Penrose**, University of Oxford, *Title to be announced* (Einstein Public Lecture in Mathematics).

**Scott Sheffield**, Courant Institute and Institute for Advanced Study, *Title to be announced.*

**Mu-Tao Wang**, Columbia University, *Title to be announced.*

### Special Sessions

*Commutative Algebra* (Code: SS 4A), **Jooyoun Hong**, University of California Riverside, and **Volmer V. Vasconcelos**, Rutgers University.

*Mathematical and Physical Problems in the Foundations of Quantum Mechanics (in honor of Shelly Goldstein's 60th birthday)* (Code: SS 3A), **Roderich Tumulka** and **Detlef Dürr**, München University, and **Nino Zanghi**, University of Genova.

*Partial Differential Equations in Mathematical Physics (in honor of Shelly Goldstein's 60th birthday)* (Code: SS 2A), **Sagun Chanillo**, **Michael K.-H. Kiessling**, and **Avy Soffer**, Rutgers University.

*Partial Differential Equations of Mathematical Physics, I (dedicated to the memory of Tom Branson)* (Code: SS 7A), **Sagun Chanillo**, **Michael K.-H. Kiessling**, and **Avy Soffer**, Rutgers University.

*Probability and Combinatorics* (Code: SS 1A), **Jeffrey N. Kahn** and **Van Ha Vu**, Rutgers University.

*Set Theory of the Continuum* (Code: SS 5A), **Simon R. Thomas**, Rutgers University.

*Toric Varieties* (Code: SS 6A), **Milena S. Hering**, Institute for Mathematics and Its Applications, and **Diane Maclagan**, Rutgers University.

## Albuquerque, New Mexico

*University of New Mexico*

**October 13–14, 2007**

*Saturday – Sunday*

### Meeting #1032

Western Section

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: August 2007

Program first available on AMS website: August 30, 2007

Program issue of electronic *Notices*: October 2007

Issue of *Abstracts*: Volume 28, Issue 4

### Deadlines

For organizers: March 13, 2007

For consideration of contributed papers in Special Sessions: June 26, 2007

For abstracts: August 21, 2007

### Invited Addresses

**Emmanuel Candes**, California Institute of Technology, *Title to be announced.*

**Alexander Polishchuk**, University of Oregon, *Title to be announced.*

**Eric Raines**, University of California Davis, *Title to be announced.*

**William E. Stein**, University of California San Diego, *SAGE: Software for Algebra and Geometry Experimentation.*

### Special Sessions

*Affine Algebraic Geometry* (Code: SS 2A), **Dennis Robert Finston**, New Mexico State University.

*Computational Methods in Harmonic Analysis and Signal Processing* (Code: SS 1A), **Emmanuel Candes**, California Institute of Technology, and **Joseph D. Lakey**, New Mexico State University.

*Recent Developments in 2-D Turbulence* (Code: SS 3A), **Michael S. Jolly**, Indiana University, and **Greg Eyink**, Johns Hopkins University.

## Murfreesboro, Tennessee

*Middle Tennessee State University*

**November 3–4, 2007**

*Saturday – Sunday*

### Meeting #1033

Southeastern Section

Associate secretary: Matthew Miller

Announcement issue of *Notices*: September 2007

Program first available on AMS website: September 20, 2007

Program issue of electronic *Notices*: November 2007

Issue of *Abstracts*: Volume 28, Issue 4

### Deadlines

For organizers: April 3, 2007

For consideration of contributed papers in Special Sessions: July 17, 2007

For abstracts: September 11, 2007

### Invited Addresses

**Sergey Gavrillets**, University of Tennessee, *Title to be announced.*

**Daniel K. Nakano**, University of Georgia, *Title to be announced.*

**Carla D. Savage**, North Carolina State University, *Title to be announced.*

**Sergei Tabachnikov**, Pennsylvania State University, *Ubiquitous billiards.*

### Special Sessions

*Advances in Algorithmic Methods for Algebraic Structures* (Code: SS 3A), **James B. Hart**, Middle Tennessee State University.

*Applied Partial Differential Equations* (Code: SS 4A), **Yuri A. Melnikov**, Middle Tennessee State University, and **Alain J. Kassab**, University of Central Florida.

*Billiards and Related Topics* (Code: SS 6A), **Sergei Tabachnikov**, Pennsylvania State University, and **Richard Schwartz**, Brown University.

*Differential Equations and Dynamical Systems* (Code: SS 1A), **Wenzhang Huang** and **Jia Li**, University of Alabama,

Huntsville, and **Zachariah Sinkala**, Middle Tennessee State University.

*Graph Theory* (Code: SS 2A), **Rong Luo**, **Don Nelson**, **Chris Stephens**, and **Xiaoya Zha**, Middle Tennessee State University.

*Splines and Wavelets with Applications* (Code: SS 5A), **Don Hong**, Middle Tennessee State University, and **Qingtang Jiang**, University of Missouri-St. Louis.

## Wellington, New Zealand

*Victoria University of Wellington*

**December 12–15, 2007**

*Wednesday – Saturday*

### Meeting #1034

*First Joint International Meeting between the AMS and the New Zealand Mathematical Society (NZMS).*

Associate secretary: Matthew Miller

Announcement issue of *Notices*: June 2007

Program first available on AMS website: Not applicable

Program issue of electronic *Notices*: Not applicable

Issue of *Abstracts*: Not applicable

### Deadlines

For organizers: March 31, 2007

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

For abstracts: To be announced

### AMS Invited Addresses

**Marston Conder**, University of Auckland, *Title to be announced.*

**Rodney G. Downey**, Victoria University of Wellington, *Title to be announced.*

**Michael H. Freedman**, Microsoft Research/University of California Santa Barbara, *Title to be announced.*

**Gaven J. Martin**, Massey University, *Title to be announced.*

**Assaf Naor**, Microsoft Research/Courant Institute, *Title to be announced.*

**Theodore A. Slaman**, University of California Berkeley, *Title to be announced.*

**Matthew J. Visser**, Victoria University of Wellington, *Title to be announced.*

### AMS Special Sessions

*Computability Theory*, **Rodney G. Downey** and **Noam Greenberg**, Victoria University of Wellington.

*Dynamical Systems: Probabilistic and Semigroup Methods*, **Arno Berger**, University of Canterbury, **Rua Murray**, University of Waikato, and **Matthew J. Nicol**, University of Houston.

*Hopf Algebras and Quantum Groups*, **M. Susan Montgomery**, University of Southern California, and **Yinhuo Zhang**, Victoria University of Wellington.

*Infinite-Dimensional Groups and Their Actions*, **Christopher Atkin**, Victoria University of Wellington, **Greg Hjorth**, University of California Los Angeles/University of Melbourne, **Alica Miller**, University of Louisville, and **Vladimir Pestov**, University of Ottawa.

*Matroids, Graphs, and Complexity*, **Dillon Mayhew**, Victoria University of Wellington, and **James G. Oxley**, Louisiana State University.

*New Trends in Spectral Analysis and Partial Differential Equations*, **Boris P. Belinskiy**, University of Tennessee, Chattanooga, **Anjan Biswas**, Delaware State University, and **Boris Pavlov**, University of Auckland.

*Quantum Topology*, **David B. Gauld**, University of Auckland, and **Scott E. Morrison**, University of California Berkeley.

*Special Functions and Orthogonal Polynomials*, **Shaun Cooper**, Massey University, **Diego Dominici**, SUNY New Paltz, and **Sven Ole Warnaar**, University of Melbourne.

## San Diego, California

*San Diego Convention Center*

**January 6–9, 2008**

*Sunday – Wednesday*

### Meeting #1035

*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), with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).*

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: October 2007

Program first available on AMS website: November 1, 2007

Program issue of electronic *Notices*: January 2008

Issue of *Abstracts*: Volume 29, Issue 1

### Deadlines

For organizers: April 1, 2007

For consideration of contributed papers in Special Sessions: July 26, 2007

For abstracts: September 20, 2007

## New York, New York

*Courant Institute of New York University*

**March 15–16, 2008**

*Saturday – Sunday*

### Meeting #1036

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: August 15, 2007

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

For abstracts: To be announced

### Special Sessions

*L-Functions and Automorphic Forms* (Code: SS 1A), **Alina Bucur**, Institute for Advanced Study, **Ashay Venkatesh**, Courant Institute of Mathematical Sciences, **Stephen D. Miller**, Rutgers University, and **Steven J. Miller**, Brown University.

## Baton Rouge, Louisiana

*Louisiana State University, Baton Rouge*

**March 28–30, 2008**

*Friday – Sunday*

### Meeting #1037

Southeastern Section

Associate secretary: Matthew Miller

Announcement issue of *Notices*: To be announced

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: To be announced

### Deadlines

For organizers: August 28, 2007

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

For abstracts: To be announced

## Bloomington, Indiana

*Indiana University*

**April 4–6, 2008**

*Friday – Sunday*

### Meeting #1038

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, 2007

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

For abstracts: To be announced

### Special Sessions

*Combinatorial and Geometric Aspects of Commutative Algebra* (Code: SS 1A), **Juan Migliore**, University of Notre Dame, and **Uwe Nagel**, University of Kentucky.

## Claremont, California

*Claremont McKenna College*

**May 3–4, 2008**

*Saturday – Sunday*

### Meeting #1039

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: October 4, 2007

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

For abstracts: To be announced



## Rio de Janeiro, Brazil

*Instituto Nacional de Matemática Pura e Aplicada (IMPA)*

**June 4–7, 2008**

*Wednesday – Saturday*

### Meeting #1040

*First Joint International Meeting between the AMS and the Sociedade Brasileira de Matemática.*

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: To be announced

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

For abstracts: To be announced

## Vancouver, Canada

*University of British Columbia and the Pacific Institute of Mathematical Sciences (PIMS)*

**October 4–5, 2008**

*Saturday – Sunday*

### Meeting #1041

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: March 9, 2008

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

For abstracts: To be announced

## Middletown, Connecticut

*Wesleyan University*

**October 11–12, 2008**

*Saturday – Sunday*

### Meeting #1042

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 11, 2008

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

For abstracts: To be announced

## Kalamazoo, Michigan

*Western Michigan University*

**October 17–19, 2008**

*Friday – Sunday*

### Meeting #1043

Central Section

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: To be announced

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: To be announced

### Deadlines

For organizers: March 17, 2008

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

For abstracts: To be announced

## Huntsville, Alabama

*University of Alabama, Huntsville*

**October 24–26, 2008**

*Friday – Sunday*

### Meeting #1044

Southeastern Section

Associate secretary: Matthew Miller

Announcement issue of *Notices*: To be announced

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: To be announced

### Deadlines

For organizers: March 24, 2008

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

For abstracts: To be announced

## Shanghai, People's Republic of China

*Fudan University*

**December 17–21, 2008**

*Wednesday – Sunday*

### Meeting #1045

*First Joint International Meeting Between the AMS and the Shanghai Mathematical Society*

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

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

**Zhi-Ming Ma**, Chinese Academy of Sciences, *Title to be announced.*

**Richard Schoen**, Stanford University, *Title to be announced.*

**Richard Taylor**, Harvard University, *Title to be announced.*

**Xiaoping Yuan**, Fudan University, *Title to be announced.*

**Weiping Zhang**, Chern Institute, *Title 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), with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).*

Associate secretary: Lesley M. Sibner

Announcement issue of *Notices*: October 2008

Program first available on AMS website: November 1, 2008

Program issue of electronic *Notices*: January 2009

Issue of *Abstracts*: Volume 30, Issue 1

### Deadlines

For organizers: April 1, 2008

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

For abstracts: To be announced

## Urbana, Illinois

*University of Illinois at Urbana-Champaign*

**March 27–29, 2009**

*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: August 29, 2008

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

For abstracts: To be announced

# Raleigh, North Carolina

*North Carolina State University*

**April 4–5, 2009**

*Saturday – Sunday*

Southeastern Section

Associate secretary: Matthew Miller

Announcement issue of *Notices*: To be announced

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: To be announced

## Deadlines

For organizers: September 4, 2008

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

For abstracts: To be announced

# San Francisco, California

*San Francisco State University*

**April 25–26, 2009**

*Saturday – Sunday*

Western Section

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: To be announced

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: To be announced

## Deadlines

For organizers: September 25, 2008

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

For abstracts: To be announced

# Boca Raton, Florida

*Florida Atlantic University*

**October 30 – November 1, 2009**

*Friday – Sunday*

Southeastern Section

Associate secretary: Matthew Miller

Announcement issue of *Notices*: To be announced

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: To be announced

## Deadlines

For organizers: March 30, 2009

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

For abstracts: To be announced

# San Francisco, California

*Moscone Center West and the San Francisco Marriott*

**January 6–9, 2010**

*Wednesday – Saturday*

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

Associate secretary: Matthew Miller

Announcement issue of *Notices*: October 2009

Program first available on AMS website: November 1, 2009

Program issue of electronic *Notices*: January 2010

Issue of *Abstracts*: Volume 31, Issue 1

## Deadlines

For organizers: April 1, 2009

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

For abstracts: To be announced

# New Orleans, Louisiana

*New Orleans Marriott and Sheraton New Orleans Hotel*

**January 5–8, 2011**

*Wednesday – Saturday*

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

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: October 2010

Program first available on AMS website: November 1, 2010

Program issue of electronic *Notices*: January 2011

Issue of *Abstracts*: Volume 32, Issue 1

### Deadlines

For organizers: April 1, 2010

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

For abstracts: To be announced

## Boston, Massachusetts

*John B. Hynes Veterans Memorial Convention Center, Boston Marriott Hotel, and Boston Sheraton Hotel*

### January 4–7, 2012

*Wednesday – Saturday*

*Joint Mathematics Meetings, including the 118th Annual Meeting of the AMS, 95th 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), with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).*

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: October 2011

Program first available on AMS website: November 1, 2011

Program issue of electronic *Notices*: January 2012

Issue of *Abstracts*: Volume 33, Issue 1

### Deadlines

For organizers: April 1, 2011

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

For abstracts: To be announced

## San Diego, California

*San Diego Convention Center and San Diego Marriott Hotel and Marina*

### January 9–12, 2013

*Wednesday – Saturday*

*Joint Mathematics Meetings, including the 119th Annual Meeting of the AMS, 96th 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), with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).*

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 1, 2012

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

For abstracts: To be announced

## Baltimore, Maryland

*Baltimore Convention Center*

### January 15–18, 2014

*Wednesday – Saturday*

*Joint Mathematics Meetings, including the 120th Annual Meeting of the AMS, 97th 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, with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).*

Associate secretary: Matthew Miller

Announcement issue of *Notices*: To be announced

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: To be announced

### Deadlines

For organizers: April 1, 2013

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

For abstracts: To be announced