

# 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.

## Knoxville, Tennessee

*University of Tennessee, Knoxville*

**March 21–23, 2014**

*Friday – Sunday*

### Meeting #1097

Southeastern Section

Associate secretary: Brian D. Boe

Announcement issue of *Notices*: January 2014

Program first available on AMS website: February 6, 2014

Program issue of electronic *Notices*: March 2014

Issue of *Abstracts*: Volume 35, Issue 2

### Deadlines

For organizers: Expired

For abstracts: January 28, 2014

*The scientific information listed below may be dated. For the latest information, see [www.ams.org/amsmtg/sectional.html](http://www.ams.org/amsmtg/sectional.html).*

### Invited Addresses

**Maria Chudnovsky**, Columbia University, *Coloring graphs with forbidden induced subgraphs* (Erdős Memorial Lecture).

**Ilse Ipsen**, North Carolina State University, *Introduction to randomized matrix algorithms*.

**Daniel Krashen**, University of Georgia, *Algebraic structures and the arithmetic of fields*.

**Suresh Venapally**, Emory University, *Quadratic forms and Galois cohomology*.

### Special Sessions

*If you are volunteering to speak in a Special Session, you should send your abstract as early as possible via the*

*abstract submission form found at <http://www.ams.org/cgi-bin/abstracts/abstract.pl>.*

*Algebraic Methods in Graph Theory and Combinatorics* (Code: SS 7A), **Felix Lazebnik**, University of Delaware, **Andrew Woldar**, Villanova University, and **Bangteng Xu**, Eastern Kentucky University.

*Arithmetic of Algebraic Curves* (Code: SS 9A), **Lubjana Beshaj**, Oakland University, **Caleb Shor**, Western New England University, and **Andreas Malmendier**, Colby College.

*Commutative Ring Theory (in honor of the retirement of David E. Dobbs)* (Code: SS 1A), **David Anderson**, University of Tennessee, Knoxville, and **Jay Shapiro**, George Mason University.

*Completely Integrable Systems and Dispersive Nonlinear Equations* (Code: SS 12A), **Robert Buckingham**, University of Cincinnati, and **Peter Perry**, University of Kentucky.

*Complex Analysis, Probability, and Metric Geometry* (Code: SS 11A), **Matthew Badger**, Stony Brook University, **Jim Gill**, St. Louis University, and **Joan Lind**, University of Tennessee, Knoxville.

*Discontinuous Galerkin Finite Element Methods for Partial Differential Equations* (Code: SS 18A), **Xiaobing Feng** and **Ohannes Karakashian**, University of Tennessee, Knoxville, and **Yulong Xing**, University of Tennessee, Knoxville, and Oak Ridge National Laboratory.

*Diversity of Modeling and Optimal Control: A Celebration of Suzanne Lenhart's 60th Birthday* (Code: SS 3A), **Wandi Ding**, Middle Tennessee State University, and **Renee Fister**, Murray State University.

*Fractal Geometry and Ergodic Theory* (Code: SS 2A), **Mrinal Kanti Roychowdhury**, University of Texas Pan American.

*Galois Cohomology and the Brauer Group* (Code: SS 26A), **Ben Antieau**, University of Washington, **Daniel Krashen**, University of Georgia, and **Suresh Venapally**, Emory University.

*Geometric Topology* (Code: SS 21A), **Craig Guilbault**, University of Wisconsin-Milwaukee, and **Steve Ferry**, Rutgers University.

*Geometric Topology and Number Theory* (Code: SS 22A), **Eriko Hironaka** and **Kathleen Petersen**, Florida State University.

*Geometric and Algebraic Combinatorics* (Code: SS 16A), **Benjamin Braun** and **Carl Lee**, University of Kentucky.

*Geometric and Combinatorial Methods in Lie Theory* (Code: SS 15A), **Amber Russell** and **William Graham**, University of Georgia.

*Graph Theory* (Code: SS 8A), **Chris Stephens**, **Dong Ye**, and **Xiaoya Zha**, Middle Tennessee State University.

*Harmonic Analysis and Nonlinear Partial Differential Equations* (Code: SS 5A), **J. Denzler**, **M. Frazier**, **Tuoc Phan**, and **T. Todorova**, University of Tennessee, Knoxville.

*Invariant Subspaces of Function Spaces* (Code: SS 6A), **Catherine Beneteau**, University of South Florida, **Alberto A. Condori**, Florida Gulf Coast University, **Constanze Liaw**, Baylor University, and **Bill Ross**, University of Richmond.

*Mathematical Modeling of the Within- and Between-Host Dynamics of Infectious Diseases* (Code: SS 25A), **Megan Powell**, University of St. Francis, and **Judy Day** and **Vitaly Ganusov**, University of Tennessee, Knoxville.

*Mathematical Physics and Spectral Theory* (Code: SS 10A), **Roger Nichols**, The University of Tennessee at Chattanooga, and **Günter Stolz**, University of Alabama at Birmingham.

*Metric Geometry and Topology* (Code: SS 23A), **Catherine Searle**, Oregon State University, **Jay Wilkins**, University of Connecticut, and **Conrad Plaut**, University of Tennessee, Knoxville.

*Nonlinear Partial Differential Equations in the Applied Sciences* (Code: SS 19A), **Lorena Bociu**, North Carolina State University, **Ciprian Gal**, Florida International University, and **Daniel Toundykov**, University of Nebraska-Lincoln.

*Randomized Numerical Linear Algebra* (Code: SS 4A), **Ilse Ipsen**, North Carolina State University.

*Recent Development on Hyperbolic Conservation Laws* (Code: SS 20A), **Geng Chen**, **Ronghua Pan**, and **Weizhe Zhang**, Georgia Tech.

*Scientific Computing, Numerical Analysis, and Mathematical Modeling* (Code: SS 17A), **Vasilios Alexiades**, **Xiaobing Feng**, and **Steven Wise**, University of Tennessee, Knoxville.

*Singularities and Physics* (Code: SS 13A), **Mboyo Esole**, Harvard University, and **Paolo Aluffi**, Florida State University.

*Stochastic Processes and Related Topics* (Code: SS 14A), **Jan Rosinski** and **Jie Xiong**, University of Tennessee, Knoxville.

*von Neumann Algebras and Free Probability* (Code: SS 24A), **Remus Nicoara**, University of Tennessee, Knoxville, and **Arnaud Brothier**, Vanderbilt University.

# Baltimore, Maryland

*University of Maryland, Baltimore County*

**March 29–30, 2014**

*Saturday – Sunday*

## Meeting #1098

Eastern Section

Associate secretary: Steven H. Weintraub

Announcement issue of *Notices*: January 2014

Program first available on AMS website: February 26, 2014

Program issue of electronic *Notices*: March 2014

Issue of *Abstracts*: Volume 35, Issue 2

## Deadlines

For organizers: Expired

For abstracts: January 28, 2014

*The scientific information listed below may be dated. For the latest information, see [www.ams.org/amsmtgs/sectional.html](http://www.ams.org/amsmtgs/sectional.html).*

## Invited Addresses

**Maria Gordina**, University of Connecticut, *Stochastic analysis and geometric functional inequalities.*

**L. Mahadevan**, Harvard University, *Shape: Mathematics, physics, and biology.*

**Nimish Shah**, Ohio State University, *Dynamics of subgroup actions on homogeneous spaces and its interaction with number theory.*

**Dani Wise**, McGill University, *Cube complexes.*

## Special Sessions

*If you are volunteering to speak in a Special Session, you should send your abstract as early as possible via the abstract submission form found at <http://www.ams.org/cgi-bin/abstracts/abstract.pl>.*

*Data Assimilation Applied to Controlled Systems* (Code: SS 15A), **Damon McDougall**, University of Texas at Austin, and **Richard Moore**, New Jersey Institute of Technology.

*Difference Equations and Applications* (Code: SS 8A), **Michael Radin**, Rochester Institute of Technology.

*Discrete Geometry in Crystallography* (Code: SS 14A), **Egon Schulte**, Northeastern University, and **Marjorie Senechal**, Smith College.

*Harmonic Analysis and Its Applications* (Code: SS 10A), **Susanna Dann**, University of Missouri, **Azita Mayeli**, Queensborough College, City University of New York, and **Gestur Olafsson**, Louisiana State University.

*Interaction between Complex and Geometric Analysis* (Code: SS 13A), **Peng Wu**, Cornell University, and **Yuan Yuan**, Syracuse University.

*Invariants in Low-Dimensional Topology* (Code: SS 1A), **Jennifer Hom**, Columbia University, and **Tye Lidman**, University of Texas at Austin.

*Knots and Applications* (Code: SS 3A), **Louis Kauffman**, University of Illinois at Chicago, **Samuel Lomonaco**,

University of Maryland, Baltimore County, and **Jozef Przytycki**, George Washington University.

*Low-dimensional Topology and Group Theory* (Code: SS 16A), **David Futer**, Temple University, and **Daniel Wise**, McGill University.

*Mathematical Biology* (Code: SS 6A), **Jonathan Bell** and **Brad Peercy**, University of Maryland Baltimore County.

*Mathematical Finance* (Code: SS 2A), **Agostino Capponi**, John Hopkins University.

*Mechanics and Control* (Code: SS 9A), **Jinglai Shen**, University of Maryland Baltimore County, and **Dmitry Zenkov**, North Carolina State University.

*Novel Developments in Tomography and Applications* (Code: SS 4A), **Alexander Katsevich**, **Alexandru Tamasan**, and **Alexander Tovbis**, University of Central Florida.

*Open Problems in Stochastic Analysis and Related Fields* (Code: SS 7A), **Masha Gordina**, University of Connecticut, and **Tai Melcher**, University of Virginia.

*Optimization and Related Topics* (Code: SS 11A), **M. Seetharama Gowda**, **Osman Guler**, **Florian Potra**, and **Jinlai Shen**, University of Maryland at Baltimore County.

*Substitution and Tiling Dynamical Systems* (Code: SS 17A), **Natalie Priebe Frank**, Vassar College, and **E. Arthur Robinson Jr.**, George Washington University.

*Theory and Applications of Differential Equations on Graphs* (Code: SS 5A), **Jonathan Bell**, University of Maryland Baltimore County, and **Sergei Avdonin**, University of Alaska Fairbanks.

## Albuquerque, New Mexico

University of New Mexico

April 5–6, 2014

Saturday – Sunday

### Meeting #1099

Western Section

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: January 2014

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: April 2014

Issue of *Abstracts*: Volume 35, Issue 2

### Deadlines

For organizers: Expired

For abstracts: February 11, 2014

*The scientific information listed below may be dated. For the latest information, see [www.ams.org/amsmtg/sectional.html](http://www.ams.org/amsmtg/sectional.html).*

### Invited Addresses

**Anton Gorodetski**, University of California Irvine, *Hyperbolic dynamics and spectral properties of one-dimensional quasicrystals*.

**Fan Chung Graham**, University of California, San Diego, *Some problems and results in spectral graph theory*.

**Adrian Ioana**, University of California, San Diego, *Rigidity for von Neumann algebras and ergodic group actions*.

**Karen Smith**, University of Michigan, Ann Arbor, *The power of characteristic  $p$* .

### Special Sessions

*If you are volunteering to speak in a Special Session, you should send your abstract as early as possible via the abstract submission form found at <http://www.ams.org/cgi-bin/abstracts/abstract.pl>.*

*Analysis and Topology in Special Geometries* (Code: SS 14A), **Charles Boyer**, **Daniele Grandini**, and **Dimiter Vasilev**, University of New Mexico.

*Arithmetic and Differential Algebraic Geometry* (Code: SS 17A), **Alexandru Buium**, University of New Mexico, **Taylor Dupuy**, University of California, Los Angeles, and **Lance Edward Miller**, University of Arkansas.

*Commutative Algebra* (Code: SS 7A), **Daniel J. Hernandez**, University of Utah, **Karen E. Smith**, University of Michigan, and **Emily E. Witt**, University of Minnesota.

*Descriptive Set Theory and its Applications* (Code: SS 6A), **Alexander Kechris**, California Institute of Technology, and **Christian Rosendal**, University of Illinois, Chicago.

*Flat Dynamics* (Code: SS 8A), **Jayadev Athreya**, University of Illinois, Urbana-Champaign, **Robert Niemeyer**, University of New Mexico, Albuquerque, **Richard E. Schwartz**, Brown University, and **Sergei Tabachnikov**, The Pennsylvania State University.

*Harmonic Analysis and Dispersive Equations* (Code: SS 11A), **Matthew Blair**, University of New Mexico, and **Jason Metcalfe**, University of North Carolina.

*Harmonic Analysis and Its Applications* (Code: SS 19A), **Jens Gerlach Christensen**, Colgate University, and **Joseph Lakey** and **Nicholas Michalowski**, New Mexico State University.

*Harmonic Analysis and Operator Theory (in memory of Cora Sadosky)* (Code: SS 18A), **Laura De Carli**, Florida International University, **Alex Stokolos**, Georgia Southern University, and **Wilfredo Urbina**, Roosevelt University.

*Hyperbolic Dynamics, Dynamically Defined Fractals, and Applications* (Code: SS 22A), **Anton Gorodetski**, University of California Irvine.

*Interactions in Commutative Algebra* (Code: SS 4A), **Louiza Fouli** and **Bruce Olberding**, New Mexico State University, and **Janet Vassilev**, University of New Mexico.

*Mathematical Finance* (Code: SS 21A), **Indranil Sen-Gupta**, North Dakota State University,.

*Modeling Complex Social Processes Within and Across Levels of Analysis* (Code: SS 15A), **Simon DeDeo**, Indiana University, and **Richard Niemeyer**, University of Colorado, Denver.

*Nonlinear Waves and Singularities in Water Waves, Optics and Plasmas* (Code: SS 23A), **Alexander O. Korotkevich** and **Pavel Lushnikov**, University of New Mexico, Albuquerque.

*Partial Differential Equations in Materials Science* (Code: SS 10A), **Lia Bronsard**, McMaster University, and **Tiziana Giorgi**, New Mexico State University.

*Physical Knots, honoring the retirement of Jonathan K. Simon* (Code: SS 13A), **Greg Buck**, St. Anselm College, and **Eric Rawdon**, University of St. Thomas.

*Progress in Noncommutative Analysis* (Code: SS 2A), **Anna Skripka**, University of New Mexico, and **Tao Mei**, Wayne State University.

*Spectral Theory* (Code: SS 12A), **Milivoje Lukic**, Rice University, and **Maxim Zinchenko**, University of New Mexico.

*Stochastic Processes in Noncommutative Probability* (Code: SS 20A), **Michael Anshelevich**, Texas A&M University, and **Todd Kemp**, University of California San Diego.

*Stochastics and PDEs* (Code: SS 5A), **Juraj Földes**, Institute for Mathematics and Its Applications, **Nathan Glatt-Holtz**, Institute for Mathematics and Its Applications and Virginia Tech, and **Geordie Richards**, Institute for Mathematics and Its Applications and University of Rochester.

*The Common Core and University Mathematics Instruction* (Code: SS 16A), **Justin Boyle**, **Michael Nakamaye**, and **Kristin Umland**, University of New Mexico.

*The Inverse Problem and Other Mathematical Methods Applied in Physics and Related Sciences* (Code: SS 1A), **Hanna Makaruk**, Los Alamos National Laboratory, and **Robert Owczarek**, University of New Mexico and Enfitek, Inc.

*Topics in Spectral Geometry and Global Analysis* (Code: SS 3A), **Ivan Avramidi**, New Mexico Institute of Mining and Technology, and **Klaus Kirsten**, Baylor University.

*Weighted Norm Inequalities and Related Topics* (Code: SS 9A), **Oleksandra Beznosova**, Baylor University, **David Cruz-Uribe**, Trinity College, and **Cristina Pereyra**, University of New Mexico.

# Lubbock, Texas

*Texas Tech University*

**April 11–13, 2014**

*Friday – Sunday*

**Meeting #1100**

Central Section

Associate secretary: Georgia Benkart

Announcement issue of *Notices*: January 2014

Program first available on AMS website: February 27, 2014

Program issue of electronic *Notices*: April 2014

Issue of *Abstracts*: Volume 35, Issue 2

## Deadlines

For organizers: Expired

For abstracts: February 10, 2014

*The scientific information listed below may be dated. For the latest information, see [www.ams.org/amsmtg/section1.html](http://www.ams.org/amsmtg/section1.html).*

## Invited Addresses

**Nir Avni**, Northwestern University, *To be announced.*

**Alessio Figalli**, University of Texas, *To be announced.*

**Jean-Luc Thiffeault**, University of Wisconsin-Madison, *To be announced.*

**Rachel Ward**, University of Texas at Austin, *To be announced.*

## Special Sessions

*If you are volunteering to speak in a Special Session, you should send your abstract as early as possible via the abstract submission form found at <http://www.ams.org/cgi-bin/abstracts/abstract.pl>.*

*Algebraic Geometry* (Code: SS 9A), **David Weinberg**, Texas Tech University.

*Analysis and Applications of Dynamic Equations on Time Scales* (Code: SS 2A), **Heidi Berger**, Simpson College, and **Raegan Higgins**, Texas Tech University.

*Applications of Special Functions in Combinatorics and Analysis* (Code: SS 12A), **Atul Dixit**, Tulane University, and **Timothy Huber**, University of Texas Pan American.

*Approximation Theory in Signal Processing* (Code: SS 17A), **Rachel Ward**, University of Texas at Austin, and **Rayan Saab**, University of California San Diego.

*Complex Function Theory and Special Functions* (Code: SS 7A), **Roger W. Barnard** and **Kent Pearce**, Texas Tech University, **Kendall Richards**, Southwestern University, and **Alex Solynin** and **Brock Williams**, Texas Tech University.

*Developments from PASI 2012: Commutative Algebra and Interactions with Related Disciplines* (Code: SS 26A), **Kenneth Chan**, University of Washington, and **Jack Jeffries**, University of Utah.

*Differential Algebra and Galois Theory* (Code: SS 23A), **Lourdes Juan** and **Arne Ledet**, Texas Tech University, **Andy R. Magid**, University of Oklahoma, and **Michael F. Singer**, North Carolina State University.

*Fractal Geometry and Dynamical Systems* (Code: SS 3A), **Mrinal Kanti Roychowdhury**, The University of Texas-Pan American.

*Geometry and Geometric Analysis* (Code: SS 25A), **Lance Drager** and **Jeffrey M. Lee**, Texas Tech University.

*Homological Methods in Algebra* (Code: SS 8A), **Lars W. Christensen**, Texas Tech University, **Hamid Rahmati**, Miami University, and **Janet Striuli**, Fairfield University.

*Hysteresis and Multi-rate Processes* (Code: SS 19A), **Ram Iyer**, Texas Tech University.

*Interactions between Commutative Algebra and Algebraic Geometry* (Code: SS 11A), **Brian Harbourne** and **Alexandra Seceleanu**, University of Nebraska-Lincoln.

*Issues Regarding the Recruitment and Retention of Women and Minorities in Mathematics* (Code: SS 5A), **James Valles Jr.**, Prairie View A&M University, and **Doug Scheib**, Saint Mary-of-the-Woods College.

*Lie Groups* (Code: SS 13A), **Benjamin Harris**, **Hongyu He**, and **Gestur Ólafsson**, Louisiana State University.

*Linear Operators in Representation Theory and in Applications* (Code: SS 20A), **Markus Schmidmeier**, Florida

Atlantic University, and **Gordana Todorov**, Northeastern University.

*Mathematical Models of Infectious Diseases in Plants, Animals and Humans* (Code: SS 21A), **Linda Allen**, Texas Tech University, and **Vrushal Bokil**, Oregon State University.

*Navier-Stokes Equations and Fluid Dynamics* (Code: SS 14A), **Radu Dascalu**, Oregon State University, and **Luan Hoang**, Texas Tech University.

*Noncommutative Algebra, Deformations, and Hochschild Cohomology* (Code: SS 10A), **Anne Shepler**, University of North Texas, and **Sarah Witherspoon**, Texas A&M University.

*Numerical Methods for Systems of Partial Differential Equations* (Code: SS 27A), **JaEun Ku**, Oklahoma State University, and **Young Ju Lee**, Texas State University.

*Optimal Control Problems from Neuron Ensembles, Genomics and Mechanics* (Code: SS 24A), **Bijoy K. Ghosh** and **Clyde F. Martin**, Texas Tech University.

*Qualitative Theory for Non-linear Parabolic and Elliptic Equations* (Code: SS 6A), **Akif Ibragimov**, Texas Tech University, and **Peter Polacik**, University of Minnesota.

*Recent Advancements in Differential Geometry and Integrable PDEs, and Their Applications to Cell Biology and Mechanical Systems* (Code: SS 4A), **Giorgio Bornia**, **Akif Ibragimov**, and **Magdalena Toda**, Texas Tech University.

*Recent Advances in the Applications of Nonstandard Finite Difference Schemes* (Code: SS 15A), **Ronald E. Mickens**, Clark Atlanta University, and **Lih-Ing W. Roeger**, Texas Tech University.

*Recent Developments in Number Theory* (Code: SS 18A), **Dermot McCarthy** and **Chris Monico**, Texas Tech University.

*Statistics on Manifolds* (Code: SS 22A), **Leif Ellingson**, Texas Tech University.

*Topology and Physics* (Code: SS 1A), **Razvan Gelca** and **Alastair Hamilton**, Texas Tech University.

*Undergraduate Research* (Code: SS 16A), **Jerry Dwyer**, **Levi Johnson**, **Jessica Spott**, and **Brock Williams**, Texas Tech University.

## Tel Aviv, Israel

*Bar-Ilan University, Ramat-Gan and Tel-Aviv University, Ramat-Aviv*

**June 16–19, 2014**

*Monday – Thursday*

### Meeting #1101

*The Second Joint International Meeting between the AMS and the Israel Mathematical Union.*

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: January 2014

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: Not applicable

### Deadlines

For organizers: To be announced

For abstracts: To be announced

*The scientific information listed below may be dated. For the latest information, see [www.ams.org/amsmtgs/internmtgs.html](http://www.ams.org/amsmtgs/internmtgs.html).*

### Invited Addresses

**Ian Agol**, University of California, Berkeley, *3-manifolds and cube complexes.*

**Gil Kalai**, Hebrew University, *Influence, thresholds, and noise sensitivity.*

**Michael Larsen**, Indiana University, *Borel's theorem on word maps and some recent variants.*

**Leonid Polterovich**, Tel-Aviv University, *Symplectic topology: from dynamics to quantization.*

**Tamar Zeigler**, Technion, Israel Institute of Technology, *Patterns in primes and dynamics on nilmanifolds.*

### Special Sessions

*Additive Number Theory*, **Melvyn B. Nathanson**, City University of New York, and **Yonutz V. Stanchescu**, Afeka Tel Aviv Academic College of Engineering.

*Algebraic Groups, Division Algebras and Galois Cohomology*, **Andrei Rapinchuk**, University of Virginia, and **Louis H. Rowen** and **Uzi Vishne**, Bar Ilan University.

*Applications of Algebra to Cryptography*, **David Garber**, Holon Institute of Technology, and **Delaram Kahrobaei**, City University of New York Graduate Center.

*Asymptotic Geometric Analysis*, **Shiri Artstein** and **Boaz Klar'tag**, Tel Aviv University, and **Sasha Sodin**, Princeton University.

*Combinatorial Games*, **A. Fraenkel**, Weizmann University, **Richard Nowakowski**, Dalhousie University, Canada, **Thane Plambeck**, Counterwave Inc., and **Aaron Siegel**, Twitter.

*Field Arithmetic*, **David Harbater**, University of Pennsylvania, and **Moshe Jarden**, Tel Aviv University.

*Financial Mathematics*, **Jean-Pierre Fouque**, University of California, and **Eli Merzbach** and **Malka Schaps**, Bar Ilan University.

*Geometric Group Theory and Low-Dimensional Topology*, **Ian Agol**, University of California, Berkeley, and **Zlil Sela**, Hebrew University.

*History of Mathematics*, **Leo Corry**, Tel Aviv University, **Michael N. Fried**, Ben Gurion University, and **Victor Katz**, University of District of Columbia.

*Mirror Symmetry and Representation Theory*, **Roman Bezrukavnikov**, Massachusetts Institute of Technology, and **David Kazhdan**, Hebrew University.

*Nonlinear Analysis and Optimization*, **Boris Mordukhovich**, Wayne State University, and **Simeon Reich** and **Alexander Zaslavski**, Technion Israel Institute of Technology.

*Qualitative and Analytic Theory of ODE's*, **Andrei Gabri- elov**, Purdue University, and **Yossef Yomdin**, Weizmann Institute of Science.

*Quasigroups, Loops and Applications*, **Tuval Foguel**, Western Carolina University.

*Random Matrix Theory*, **Brendan Farrell**, California Institute of Technology, **Mark Rudelson**, University of Michigan, and **Ofer Zeitouni**, Weizmann Institute of Science.

*Recent Trends in History and Philosophy of Mathematics*, **Misha Katz**, Bar Ilan University, and **David Sherry**, Northern Arizona University.

*Teaching with Mathematical Habits in Mind*, **Theodore Eisenberg**, Ben Gurion University, **Davida Fishman**, California State University, San Bernardino, and **Jennifer Lewis**, Wayne State University.

*The Mathematics of Menahem M. Schiffer*, **Peter L. Duren**, University of Michigan, and **Lawrence Zalcman**, Bar Ilan University.

*Topological Graph Theory and Map Symmetries*, **Jonathan Gross**, Columbia University, and **Toufik Mansour**, University of Haifa.

## Eau Claire, Wisconsin

*University of Wisconsin-Eau Claire*

**September 20–21, 2014**

*Saturday – Sunday*

### Meeting #1102

Central Section

Associate secretary: Georgia Benkart

Announcement issue of *Notices*: June 2014

Program first available on AMS website: August 7, 2014

Program issue of electronic *Notices*: September 2014

Issue of *Abstracts*: Volume 35, Issue 3

### Deadlines

For organizers: March 20, 2014

For abstracts: July 29, 2014

*The scientific information listed below may be dated. For the latest information, see [www.ams.org/amsmtgs/sectional.html](http://www.ams.org/amsmtgs/sectional.html).*

### Invited Addresses

**Matthew Kahle**, Ohio State University, *To be announced.*

**Markus Keel**, University of Minnesota, *To be announced.*

**Svitlana Mayboroda**, University of Minnesota, *To be announced.*

**Dylan Thurston**, Indiana University, *To be announced.*

### Special Sessions

*If you are volunteering to speak in a Special Session, you should send your abstract as early as possible via the abstract submission form found at <http://www.ams.org/cgi-bin/abstracts/abstract.pl>.*

*Commutative Ring Theory* (Code: SS 3A), **Michael Axte**, University of St. Thomas, and **Joe Stickles**, Millikin University.

*Directions in Commutative Algebra: Past, Present and Future* (Code: SS 1A), **Joseph P. Brennan**, University of Central Florida, and **Robert M. Fossum**, University of Illinois at Urbana-Champaign.

*New Trends in Toric Varieties* (Code: SS 4A), **Christine Berkesch Zamaere**, University of Minnesota, **Daniel Erman**, University of Wisconsin-Madison, and **Hal Schenck**, University of Illinois Urbana-Champaign.

*Von Neumann Algebras and Related Fields* (Code: SS 2A), **Stephen Avsec** and **Ken Dykema**, Texas A&M University.

## Halifax, Canada

*Dalhousie University*

**October 18–19, 2014**

*Saturday – Sunday*

### Meeting #1103

Eastern Section

Associate secretary: Steven H. Weintraub

Announcement issue of *Notices*: August 2014

Program first available on AMS website: September 5, 2014

Program issue of electronic *Notices*: October 2014

Issue of *Abstracts*: Volume 35, Issue 3

### Deadlines

For organizers: March 18, 2014

For abstracts: August 19, 2014

*The scientific information listed below may be dated. For the latest information, see [www.ams.org/amsmtgs/sectional.html](http://www.ams.org/amsmtgs/sectional.html).*

### Invited Addresses

**François Bergeron**, Université du Québec à Montréal, *Title to be announced.*

**Sourav Chatterjee**, New York University, *Title to be announced.*

**William M. Goldman**, University of Maryland, *Title to be announced.*

**Sujatha Ramdorai**, University of British Columbia, *Title to be announced.*

### Special Sessions

*If you are volunteering to speak in a Special Session, you should send your abstract as early as possible via the abstract submission form found at <http://www.ams.org/cgi-bin/abstracts/abstract.pl>.*

*Commutative Algebra and Its Interactions with Algebraic Geometry* (Code: SS 2A), **Susan Marie Cooper**, Central Michigan University, **Sara Faridi**, Dalhousie University, and **William Traves**, US Naval Academy.

*p-adic Methods in Arithmetic*. (Code: SS 1A), **Henri Darmon**, McGill University, **Adrian Iovita**, Concordia University, and **Sujatha Ramdorai**, University of British Columbia.

# San Francisco, California

*San Francisco State University*

**October 25–26, 2014**

*Saturday – Sunday*

## Meeting #1104

Western Section

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: August 2014

Program first available on AMS website: September 11, 2014

Program issue of electronic *Notices*: October 2014

Issue of *Abstracts*: Volume 35, Issue 4

## Deadlines

For organizers: March 25, 2014

For abstracts: September 3, 2014

*The scientific information listed below may be dated. For the latest information, see [www.ams.org/amsmtg/sectional.html](http://www.ams.org/amsmtg/sectional.html).*

## Invited Addresses

**Kai Behrend**, University of British Columbia, Vancouver, Canada, *Title to be announced.*

**Kiran S. Kedlaya**, University of California, San Diego, *Title to be announced.*

**Julia Pevtsova**, University of Washington, Seattle, *Title to be announced.*

**Burt Totaro**, University of California, Los Angeles, *Title to be announced.*

## Special Sessions

*If you are volunteering to speak in a Special Session, you should send your abstract as early as possible via the abstract submission form found at <http://www.ams.org/cgi-bin/abstracts/abstract.pl>.*

*Algebraic Geometry* (Code: SS 1A), **Renzo Cavalieri**, Colorado State University, **Noah Giansiracusa**, University of California, Berkeley, and **Burt Totaro**, University of California, Los Angeles.

*Categorical Methods in Representation Theory* (Code: SS 4A), **Eric Friedlander**, University of Southern California, **Srikanth Iyengar**, University of Nebraska, Lincoln, and **Julia Pevtsova**, University of Washington.

*Geometry of Submanifolds* (Code: SS 3A), **Yun Myung Oh**, Andrews University, **Bogdan D. Suceava**, California State University, Fullerton, and **Mihaela B. Vajiac**, Chapman University.

*Polyhedral Number Theory* (Code: SS 2A), **Matthias Beck**, San Francisco State University, **Martin Henk**, Universität Magdeburg, and **Joseph Gubeladze**, San Francisco State University.

# Greensboro, North Carolina

*University of North Carolina, Greensboro*

**November 8–9, 2014**

*Saturday – Sunday*

## Meeting #1105

Southeastern Section

Associate secretary: Brian D. Boe

Announcement issue of *Notices*: August 2014

Program first available on AMS website: September 25, 2014

Program issue of electronic *Notices*: November 2014

Issue of *Abstracts*: Volume 35, Issue 4

## Deadlines

For organizers: April 8, 2014

For abstracts: September 16, 2014

*The scientific information listed below may be dated. For the latest information, see [www.ams.org/amsmtg/sectional.html](http://www.ams.org/amsmtg/sectional.html).*

## Invited Addresses

**Susanne Brenner**, Louisiana State University, *Title to be announced.*

**Skip Garibaldi**, Emory University, *Title to be announced.*

**Stavros Garoufaldis**, Georgia Institute of Technology, *Title to be announced.*

**James Sneyd**, University of Auckland, *Title to be announced* (AMS-NZMS Maclaurin Lecture).

## Special Sessions

*If you are volunteering to speak in a Special Session, you should send your abstract as early as possible via the abstract submission form found at <http://www.ams.org/cgi-bin/abstracts/abstract.pl>.*

*Difference Equations and Applications* (Code: SS 1A), **Michael A. Radin**, Rochester Institute of Technology, and **Youssef Raffoul**, University of Dayton.

# San Antonio, Texas

*Henry B. Gonzalez Convention Center and Grand Hyatt San Antonio*

**January 10–13, 2015**

*Saturday – Tuesday*

## Meeting #1106

*Joint Mathematics Meetings, including the 121st Annual Meeting of the AMS, 98th 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 of Symbolic Logic (ASL), with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).

Associate secretary: Steven H. Weintraub

Announcement issue of *Notices*: October 2014

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: January 2015

Issue of *Abstracts*: Volume 36, Issue 1

### Deadlines

For organizers: April 1, 2014

For abstracts: To be announced

## Washington, District of Columbia

*Georgetown University*

**March 7–8, 2015**

*Saturday – Sunday*

Eastern Section

Associate secretary: Steven H. Weintraub

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 7, 2014

For abstracts: To be announced

## Huntsville, Alabama

*University of Alabama in Huntsville*

**March 27–29, 2015**

*Friday – Sunday*

Southeastern Section

Associate secretary: Brian D. Boe

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 20, 2014

For abstracts: To be announced

## Las Vegas, Nevada

*University of Nevada, Las Vegas*

**April 18–19, 2015**

*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 18, 2014

For abstracts: To be announced

## Porto, Portugal

*University of Porto*

**June 10–13, 2015**

**New Dates !**

*Thursday – Sunday*

*First Joint International Meeting involving the American Mathematical Society (AMS), the European Mathematical Society (EMS), and the Sociedade de Portuguesa Matematica (SPM).*

Associate secretary: Georgia Benkart

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*: Not applicable

### Deadlines

For organizers: To be announced

For abstracts: To be announced

## Chicago, Illinois

*Loyola University Chicago*

**October 3–4, 2015**

*Saturday – Sunday*

Central Section

Associate secretary: Georgia Benkart

Announcement issue of *Notices*: To be announced

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: October 2015

Issue of *Abstracts*: To be announced

### Deadlines

For organizers: March 10, 2015

For abstracts: To be announced



# Memphis, Tennessee

*University of Memphis*

**October 17–18, 2015**

*Saturday – Sunday*

Southeastern Section

Associate secretary: Brian D. Boe

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, 2015

For abstracts: August 18, 2015

*The scientific information listed below may be dated. For the latest information, see [www.ams.org/amsmtgs/sectional.html](http://www.ams.org/amsmtgs/sectional.html).*

## Special Sessions

*If you are volunteering to speak in a Special Session, you should send your abstract as early as possible via the abstract submission form found at <http://www.ams.org/cgi-bin/abstracts/abstract.pl>.*

*Computational Analysis (Code: SS 1A), George Anastassiou, University of Memphis.*

# Fullerton, California

*California State University, Fullerton*

**October 24–25, 2015**

*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*: October 2015

Issue of *Abstracts*: To be announced

## Deadlines

For organizers: March 27, 2015

For abstracts: To be announced

# New Brunswick, New Jersey

*Rutgers University*

**November 14–15, 2015**

*Saturday – Sunday*

Eastern Section

Associate secretary: Steven H. Weintraub

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 abstracts: To be announced

# Seattle, Washington

*Washington State Convention Center and the Sheraton Seattle Hotel*

**January 6–9, 2016**

*Wednesday – Saturday*

*Joint Mathematics Meetings, including the 122nd Annual Meeting of the AMS, 99th 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 of 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 2015

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: January 2016

Issue of *Abstracts*: Volume 37, Issue 1

## Deadlines

For organizers: April 1, 2015

For abstracts: To be announced

# Atlanta, Georgia

*Hyatt Regency Atlanta and Marriott Atlanta Marquis*

**January 4–7, 2017**

*Wednesday – Saturday*

*Joint Mathematics Meetings, including the 123rd Annual Meeting of the AMS, 100th 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 of Symbolic Logic, with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).*

Associate secretary: Brian D. Boe

Announcement issue of *Notices*: October 2016

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: January 2017

Issue of *Abstracts*: Volume 38, Issue 1

## Deadlines

For organizers: April 1, 2016

**NEW!**

# eMR Sections

Electronic Mathematical Reviews® Sections

You can now stay informed of new research published in your subject area by subscribing to the electronic Mathematical Reviews® (eMR) Section of your choice. Subject areas are assigned using MSC 2010.

**eMR Sections Provide:**

- Improved accessibility and portability because eMR Section issues will be posted monthly and available as downloadable PDFs
- New content notifications via RSS feed
- Perpetual access
- Discounted pricing for MR Reviewers and AMS individual members
- Low-cost option for researchers and faculty whose institutions don't currently subscribe to the full database, MathSciNet®

## Sample eMR Section

MR2954056 03-03 01A70 68-03 81P68 94-03 94C10

Nahin, Paul J. (1-NH-ECE; Durham, NH)

**The logician and the engineer; How George Boole and Claude Shannon created the information age.**

Princeton University Press, Princeton, NJ, 2013. xiv+228 pp. \$24.95. ISBN 978-0-691-15100-7

Written in the lucid style of the author's many best-selling books "popularizing" mathematics, *The logician and the engineer* pays homage to the careers of George Boole and Claude Shannon in their pioneering work presaging the modern computer era. After two fascinating mini-biographies, the author turns his attention to switching circuits, combinatorial and sequential logic design, probability and information theory, each impacted by the significant contributions of Boole and Shannon. Interesting and informative chapter-ending notes enhance and expand the scope of the investigations, often providing technical details that would otherwise have impeded the flow of the narrative. Most valuable to this reviewer, and likely to many potential readers, is the closing chapter, aptly titled "Beyond Boole and Shannon". Here is provided an introduction to quantum computing and its logic, possibly portending the future of computers, yet unmistakably bearing the footprints of the two early pioneers. It is an unexpected yet fitting conclusion to this thoroughly enjoyable read.

Ronald E. Prather

For ordering information, please visit:  
[www.ams.org/bookstore/emrsections](http://www.ams.org/bookstore/emrsections)

AMERICAN MATHEMATICAL SOCIETY  
**MathSciNet**  
Mathematical Reviews

## Meetings & Conferences

For abstracts: To be announced

# San Diego, California

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

**January 10–13, 2018**

*Wednesday – Saturday*

*Joint Mathematics Meetings, including the 124th Annual Meeting of the AMS, 101st 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 of Symbolic Logic (ASL), with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).*

Associate secretary: Georgia Benkart

Announcement issue of *Notices*: October 2017

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, 2017

For abstracts: To be announced

# Baltimore, Maryland

*Baltimore Convention Center, Hilton Baltimore, and Baltimore Marriott Inner Harbor Hotel*

**January 16–19, 2019**

*Wednesday – Saturday*

*Joint Mathematics Meetings, including the 125th Annual Meeting of the AMS, 102nd 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 of Symbolic Logic (ASL), with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).*

Associate secretary: Steven H. Weintraub

Announcement issue of *Notices*: October 2018

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: To be announced

### Deadlines

For organizers: April 2, 2018

For abstracts: To be announced