

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.

St. Louis, Missouri

Washington University

October 18–20, 2013

Friday – Sunday

Meeting #1094

Central Section

Associate secretary: Georgia M. Benkart

Announcement issue of *Notices*: August 2013

Program first available on AMS website: September 5, 2013

Program issue of electronic *Notices*: October 2013

Issue of *Abstracts*: Volume 34, Issue 4

Deadlines

For organizers: Expired

For abstracts: Expired

The scientific information listed below may be dated. For the latest information, see www.ams.org/amsmtgs/sectional.html.

Invited Addresses

Ronny Hadani, University of Texas at Austin, *Representation theoretic patterns in three-dimensional cryo-electron microscopy*.

Efstratia Kalfagianni, Michigan State University, *Geometric structures and knot invariants*.

Jon Kleinberg, Cornell University, *Bursts, cascades, and hot spots: A glimpse of some on-line social phenomena at global scales*.

Vladimir Sverak, University of Minnesota, *PDE analysis of incompressible flows - old problems and recent developments*.

Special Sessions

Advances in Difference, Differential, and Dynamic Equations with Applications, **Elvan Akin**, Missouri S&T Univer-

sity, **Youssef Raffoul**, University of Dayton, and **Agacik Zafer**, American University of the Middle East.

Advances in Mathematical Methods for Disease Modeling, **Jimin Ding**, Washington University in St. Louis, **Necibe Tuncer**, University of Tulsa, and **Naveen K. Vaidya**, University of Missouri-Kansas City.

Algebraic Cycles and Coherent Sheaves, **Roya Beheshti**, **Matt Kerr**, and **N. Mohan Kumar**, Washington University in St. Louis.

Algebraic and Combinatorial Invariants of Knots, **Heather Dye**, McKendree University, **Allison Henrich**, Seattle University, **Aaron Kaestner**, North Park University, and **Louis Kauffman**, University of Illinois.

Automorphic Forms and Representation Theory, **Dubravka Ban** and **Joe Hundley**, Southern Illinois University, and **Shuichiro Takeda**, University of Missouri, Columbia.

Commutative Algebra, **Lianna Segal**, University of Missouri, Kansas City, and **Hema Srinivasan**, University of Missouri, Columbia.

Computability Across Mathematics, **Wesley Calvert**, Southern Illinois University, and **Johanna Franklin**, University of Connecticut.

Convex Geometry and its Applications, **Susanna Dann**, **Alexander Koldobsky**, and **Peter Pivovarov**, University of Missouri.

Geometric Aspects of 3-Manifold Invariants, **Oliver Dasbach**, Louisiana State University, and **Effie Kalfagianni**, Michigan State University.

Geometric Topology in Low Dimensions, **William H. Kazez**, University of Georgia, and **Rachel Roberts**, Washington University in St. Louis.

Groupoids in Analysis and Geometry, **Alex Kumjian**, University of Nevada at Reno, **Markus Pflaum**, University of Colorado, and **Xiang Tang**, Washington University in St. Louis.

Interactions between Geometric and Harmonic Analysis, **Leonid Kovalev**, Syracuse University, and **Jeremy Tyson**, University of Illinois, Urbana-Champaign.

Linear and Non-linear Geometry of Banach Spaces, **Daniel Freeman** and **Nirina Lovasoa Randrianarivony**, St. Louis University.

Noncommutative Rings and Modules, **Greg Marks** and **Ashish Srivastava**, St. Louis University.

Operator Theory, **John McCarthy**, Washington University in St. Louis.

PDEs of Fluid Mechanics, **Roman Shvydkoy**, University of Illinois Chicago, and **Vladimir Sverak**, University of Minnesota.

Spectral, Index, and Symplectic Geometry, **Álvaro Pelayo** and **Xiang Tang**, Washington University in St. Louis.

Statistical Properties of Dynamical Systems, **Timothy Chumley** and **Renato Feres**, Washington University in St. Louis, and **Hongkun Zhang**, University of Massachusetts, Amherst.

Topological Combinatorics, **John Shareshian**, Washington University in St. Louis, and **Russ Woodroffe**, Mississippi State University.

Wavelets, Frames, and Related Expansions, **Marcin Bownik**, University of Oregon, **Darrin Speegle**, Saint Louis University, and **Guido Weiss**, Washington University in St. Louis.

p-local Group Theory, Fusion Systems, and Representation Theory, **Justin Lynd**, Rutgers University, and **Julianne Rainbolt**, Saint Louis University.

Riverside, California

University of California, Riverside

November 2–3, 2013

Saturday – Sunday

Meeting #1095

Western Section

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: August 2013

Program first available on AMS website: September 19, 2013

Program issue of electronic *Notices*: November 2013

Issue of *Abstracts*: Volume 34, Issue 4

Deadlines

For organizers: Expired

For abstracts: Expired

The scientific information listed below may be dated. For the latest information, see www.ams.org/amsmtg/sectional.html.

Invited Addresses

Michael Christ, University of California, Berkeley, *Title to be announced.*

Mark Gross, University of California, San Diego, *Title to be announced.*

Matilde Marcolli, California Institute of Technology, *Feynman integrals and motives.*

Paul Vojta, University of California, Berkeley, *Title to be announced.*

Special Sessions

Algebraic Structures in Knot Theory, **Allison Henrich**, Seattle University, and **Sam Nelson**, Claremont McKenna College.

Analysis and Geometry of Metric Spaces, **Asuman G. Aksoy**, Claremont McKenna College, and **Zair Ibragimov**, California State University, Fullerton.

Categorification in Representation Theory, **Aaron Lauda** and **David Rose**, University of Southern California.

Commutative Algebra and its Interaction with Algebraic Geometry and Combinatorics, **Kuei-Nuan Lin** and **Paolo Mantero**, University of California, Riverside.

Computational Problems on Large Graphs and Applications, **Kevin Costello** and **Laurent Thomas**, University of California, Riverside.

Computer, Mathematics, Imaging, Technology, Network, Health, Big Data, and Statistics, **Subir Ghosh**, University of California, Riverside.

Developments in Markov Chain Theory and Methodology, **James Flegal**, University of California, Riverside, and **Mark Huber**, Claremont McKenna College.

Diophantine Geometry and Nevanlinna Theory, **Aaron Levin**, Michigan State University, **David McKinnon**, University of Waterloo, and **Paul Vojta**, University of California, Berkeley.

Dynamical Systems, **Nicolai Haydn**, University of Southern California, and **Huyi Hu**, Michigan State University.

Fluids and Boundaries, **James P. Kelliher**, **Juhi Jang**, and **Gung-Min Gie**, University of California, Riverside.

Fractal Geometry, Dynamical Systems, and Mathematical Physics, **Michel L. Lapidus**, University of California, Riverside, **Erin P. J. Pearse**, California State Polytechnic University, San Luis Obispo, and **John A. Rock**, California State Polytechnic University, Pomona.

From Harmonic Analysis to Partial Differential Equations: In Memory of Victor Shapiro, **Alfonso Castro**, Harvey Mudd College, **Michel L. Lapidus**, University of California, Riverside, and **Adolfo J. Rumbos**, Pomona College.

Geometric Analysis, **Zhiqin Lu**, University of California, Irvine, **Bogdan D. Suceava**, California State University, Fullerton, and **Fred Wilhelm**, University of California, Riverside.

Geometric and Combinatorial Aspects of Representation Theory, **Wee Liang Gan** and **Jacob Greenstein**, University of California, Riverside.

Geometry of Algebraic Varieties, **Karl Fredrickson**, University of California, Riverside, **Mark Gross**, University of California, San Diego, and **Ziv Ran**, University of California, Riverside.

Heights, Diophantine Problems, and Lattices, **Lenny Fukshansky**, Claremont McKenna College, and **David Krumm**, University of Georgia and Claremont McKenna College.

Homotopy Theory and K-Theory, **Julie Bergner**, University of California, Riverside, and **Christian Haesemeyer**, University of California, Los Angeles.

Teaching ODEs: Best Practices from CODEE (Community of Ordinary Differential Equations Educators), **Nishu Lal**,

Pomona College and Pitzer College, and **Ami Radunskaya**, Pomona College.

The Mathematics of Planet Earth, **John Baez**, University of California, Riverside.

Baltimore, Maryland

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

January 15–18, 2014

Wednesday – Saturday

Meeting #1096

Joint Mathematics Meetings, including the 120th Annual Meeting of the AMS, 97th 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: Georgia M. Benkart

Announcement issue of *Notices*: October 2013

Program first available on AMS website: November 1, 2013

Program issue of electronic *Notices*: January 2013

Issue of *Abstracts*: Volume 35, Issue 1

Deadlines

For organizers: Expired

For abstracts: Expired

MAA Program Updates

The SIGMAA on the History of Mathematics guest lecture will be given by **V. Frederick Rickey**, USMA, *The Notebooks of George Washington on Arithmetic, Geometry, Trigonometry, Logarithms and Surveying*, on Wednesday at 6:30 p.m.

SIAM Program Updates

Additional minisymposia include *Applied and Computational Geometry*, **Kathryn Leonard**, California State University Channel Islands, and **Erin Wolf Chambers**, St. Louis University.

New Developments with Entropic Solutions to Nonlinear Conservation Laws, **Pierre-Emmanuel Jabin**, **Eitan Tadmor**, and **Konstantina Trivisa**, University of Maryland.

Frontiers in Geomathematics, **Willi Freeden**, University of Kaiserslautern, and **Zuhair Nashed**, University of Central Florida.

Recent Advances in Financial Mathematics, **Maxim Bichuch**, Worcester Polytechnic Institute, **Ronnie Sircar**, Princeton University, and **Stephan Sturm**, Worcester Polytechnic Institute.

Recent Advances in Partial Differential Equations Modeling Physical Systems, **Edriss S. Titi**, University of California Irvine and the Weizmann Institute of Science.

Recent Mathematical Developments in Imaging, **Wei-hong Guo**, Case Western Reserve University, and **Luminita Vese**, University of California Los Angeles.

Turbulence and Mixing in Fluids: Analysis and Applications, **Animikh Biswas**, University of Maryland Baltimore County, and **Evelyn Lunasin**, U.S. Naval Academy.

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/amsmtgs/sectional.html.

Invited Addresses

Maria Chudnovsky, Columbia University, *Title to be announced* (Erdős Memorial Lecture).

Ilse Ipsen, North Carolina State University, *Title to be announced*.

Daniel Krashen, University of Georgia, *Title to be announced*.

Suresh Venapally, Emory University, *Title to be announced*.

Special Sessions

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.

Geometric Topology (Code: SS 21A), **Craig Guilbault**, University of Wisconsin-Milwaukee, and **Steve Ferry**, Rutgers 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 Stevens**, **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 Physics and Spectral Theory (Code: SS 10A), **Roger Nichols**, The University of Tennessee at Chattanooga, and **Günter Stolz**, University of Alabama at Birmingham.

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**, Georgia Tech, and **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.

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.

Invited Addresses

Maria Gordina, University of Connecticut, *Title to be announced.*

L. Mahadevan, Harvard University, *Title to be announced.*

Nimish Shah, Ohio State University, *Title to be announced.*

Dani Wise, McGill University, *Title to be announced.*

Special Sessions

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

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.

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.

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.

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*: To be announced

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/amsmtgs/sectional.html.

Invited Addresses

Anton Gorodetski, University of California, Irvine, *To be announced.*

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

Adrian Ioana, University of California, San Diego, *To be announced.*

Karen Smith, University of Michigan, Ann Harbor, *To be announced.*

Special Sessions

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

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.

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

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.

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 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 Enfitec, 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 M. Benkart

Announcement issue of *Notices*: February 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/amsmtgs/sectional.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

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.

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.

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

Homological Methods in Algebra (Code: SS 8A), **Lars W. Christensen**, Texas Tech University, **Hamid Rahmati**, Miami University, and **Janet Striuli**, Fairfield 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.** and **Doug Scheib**, Saint Mary-of-the-Woods College.

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

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.

Topology and Physics (Code: SS 1A), **Razvan Gelca** and **Alastair Hamilton**, 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*: To be announced

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.

Special Sessions

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

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

Qualitative and Analytic Theory of ODE's, **Yosef Yomdin**, Weizmann Institute.

Eau Claire, Wisconsin

University of Wisconsin-Eau Claire

September 20–21, 2014

Saturday – Sunday

Meeting #1102

Central Section

Associate secretary: Georgia M. 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.

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

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.

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.

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

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/amsmtgs/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

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

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.

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).

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

Mathematical Sciences Center

Tsinghua University, Beijing, China

Positions:

**Distinguished Professorship; Professorship;
Associate Professorship;
Assistant Professorship (tenure-track).**

The MSC invites applications for the above positions in the full spectrum of mathematical sciences: ranging from pure mathematics, applied PDE, computational mathematics to statistics. The current annual salary range is between 0.15-1.0 million RMB. Salary will be determined by applicants' qualification. Strong promise/track record in research and teaching are required. Completed applications must be electronically submitted, and must contain curriculum vitae, research statement, teaching statement, selected reprints and /or preprints, three reference letters on academic research and one reference letter on teaching, sent electronically to msc-recruitment@math.tsinghua.edu.cn

The review process starts in December 2013, and closes by April 30, 2014. Applicants are encouraged to submit their applications before February 28, 2014.

Positions: post-doctorate fellowship

Mathematical Sciences Center (MSC) will hire a substantial number of post-doctorate fellows in the full spectrum of mathematical sciences. New and recent PhDs are encouraged for this position.

A typical appointment for post-doctorate fellowship of MSC is for three-years. Salary and compensation package are determined by qualification, accomplishment, and experience. MSC offers very competitive packages.

Completed applications must contain curriculum vitae, research statement, teaching statement, selected reprints and /or preprints, three reference letters, sent electronically to msc-recruitment@math.tsinghua.edu.cn

The review process starts in December 2013, and closes by April 30, 2014. Applicants are encouraged to submit their applications before February 28, 2014.

Meetings & Conferences

Porto, Portugal

University of Porto

June 11-14, 2015

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 M. 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 M. 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

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