
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 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.

Washington, District of Columbia

Georgetown University

March 7–8, 2015

Saturday – Sunday

Meeting #1107

Eastern Section

Associate secretary: Steven H. Weintraub

Announcement issue of *Notices*: January 2015

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: March 2015

Issue of *Abstracts*: Volume 36, Issue 2

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

Frederico Rodriguez Hertz, Pennsylvania State University, *Random dynamics and a formula for Furstenberg entropy*.

Nancy Hingston, The College of New Jersey, *Loop products, Poincaré duality and dynamics*.

Simon Tavaré, Cambridge University, *Cancer by the numbers* (Einstein Public Lecture in Mathematics).

Yitang Zhang, University of New Hampshire, *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 www.ams.org/cgi-bin/abstracts/abstract.pl.

Algebra and Representation Theory, **Ela Celikbas** and **Olgur Celikbas**, University of Connecticut, and **Frank Moore**, Wake Forest University.

Algebraic Structures Motivated by and Applied to Knot Theory, **Jozef H. Przytycki**, George Washington University, **Radmilla Sazdanovic**, North Carolina State University, and **Alexander N. Shumakovitch** and **Hao Wu**, George Washington University.

Asymptotic Problems for Stochastic Processes and PDEs, **Sandra Cerrai**, **Dmitry Dolgopyat**, **Mark Freidlin**, and **Leonid Korolov**, University of Maryland.

Bases and Frames in Hilbert Spaces and Applications, **Laura De Carli**, Florida International University.

Characterizing Uncertainty for Modeling Physical Processes, **Ali Arab**, Georgetown University.

Closure Operations in Commutative Algebra, **Neil Epstein**, George Mason University, and **Lance Edward Miller**, University of Arkansas.

Computable Structure Theory, **Rumen Dimitrov**, Western Illinois University, **Valentina Harizanov**, George

Washington University, and **Russell Miller**, Queens College and Graduate Center, City University of New York.

Conceptual Mathematical Models in Climate Science, **Hans Engler** and **Hans Kaper**, Georgetown University.

Convexity and Combinatorics, **Jim Lawrence** and **Vale-riu Soltan**, George Mason University.

Crossing Numbers of Graphs, **Paul Kainen**, Georgetown University.

Data Assimilation: Recent Progress in Theory, Methods and Applications, **Evelyn M. Lunasin** and **Reza Malek-Madani**, United States Naval Academy.

Difference Equations and Applications, **Michael Radin**, Rochester Institute of Technology, and **Steven J. Miller**, Williams College.

Dynamical Systems Models of Physiological Processes, **Paula Grajdeanu**, Shenandoah University, and **Talitha Washington** and **Abdul-Aziz Yakubu**, Howard University.

Geometric Structures on Low-Dimensional Manifolds and their Invariants, **Cagatay Kutluhan**, University at Buffalo, and **Thomas E. Mark** and **Bulent Tosun**, University of Virginia.

History and Philosophy of Mathematics, **V. Frederick Rickey**, West Point Military Academy, and **James J. Tattersall**, Providence College.

Inverse Problems for Non-destructive Testing, **Nicolas Valdivia**, Naval Research Laboratory.

Iterated Integrals and Applications, **Ivan Horozov**, Washington University in St. Louis.

Mathematical Fluid Dynamics and Turbulence, **Zachary Bradshaw**, University of British Columbia, **Aseel Farhat**, Indiana University, and **Michele Coti Zelati**, University of Maryland.

Nonlinear Dispersive and Wave Equations with Applications to Fluids, **Pierre Germain** and **Zaher Hani**, New York University, and **Benoit Pausader**, Princeton University.

Nonlinear Partial Differential Equations in Sciences and Engineering, **Lorena Bociu**, North Carolina State University, **Ciprian Gal**, Florida International University, and **Daniel Toundykov**, University of Nebraska.

Number Theory in Ergodic Theory and Dynamical Systems, **Joe Herning**, Northern Virginia Community College, **Erbilin Mehmetaj**, George Washington University and Georgetown University, **E. Arthur Robinson Jr.**, George Washington University, and **Tyler White**, Northern Virginia Community College.

Operator Theory on Analytic Function Spaces, **Robert F. Allen**, University of Wisconsin, La Cross, and **Flavia Colonna**, George Mason University.

Optimization Theory, Algorithms and Applications, **Olga Brezhneva**, Miami University, Oxford, OH, and **Igor Griva**, George Mason University.

Patterns in Permutations and Words, **Alexander Burstein**, Howard University.

Qualitative Behavior of Solutions of Partial Differential Equations, **Junping Shi**, College of William and Mary, and **Jiuyi Zhu**, John Hopkins University.

Quantum Algebras, Representations, and Categorifications, **Sean Clark** and **Weiqiang Wang**, University of Virginia.

Singularities: Algebraic and Analytic Aspects, **Claudia Miller**, Syracuse University, and **Sophia Vassiliadou**, Georgetown University.

Somos Sequences and Nonlinear Recurrences, **Andrew Vogt**, Georgetown University.

Spatial Evolutionary Models and Biological Invasions, **Judith Miller**, Georgetown University, and **Yuan Lou**, Ohio State University.

Stochastic Analysis and Stochastic PDEs, **Sandra Cer-rai**, University of Maryland, and **Frederi Viens**, Purdue University.

Topology in Biology, **Paul Kainen**, Georgetown University.

Within-Host Disease Modeling, **Stanca Ciupe**, Virginia Polytechnic Institute, and **Sivan Leviyang**, Georgetown University.

East Lansing, Michigan

Michigan State University

March 14–15, 2015

Saturday – Sunday

Meeting #1108

Central Section

Associate secretary: Georgia Benkart

Announcement issue of *Notices*: January 2015

Program first available on AMS website: January 29, 2015

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: Volume 36, Issue 2

Deadlines

For organizers: Expired

For abstracts: Expired

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

Invited Addresses

Philippe R. Di Francesco, Departments of Mathematics and Physics, University of Illinois at Urbana-Champaign, *Integrable Combinatorics*.

Alexander Furman, University of Illinois at Chicago, *Hidden Symmetries of Some Groups*.

Vera Mikyoung Hur, University of Illinois at Urbana-Champaign, *Breaking the Waves*.

Mihnea Popa, Northwestern University, *Recent results on holomorphic one-forms*.

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 www.ams.org/cgi-bin/abstracts/abstract.pl.

Algebraic Combinatorics, **Carolina Benedetti**, **Peter Magyar**, and **Bruce Sagan**, Michigan State University.

Approximation Theory in Signal Processing and Computer Science, **Mark Iwen**, Michigan State University, **Rayan Saab**, University of California San Diego, and **Aditya Viswanathan**, Michigan State University.

Arithmetic of Hyperelliptic Curves, **Tony Shaska**, Oakland University.

Calculus of Variations, Nonlinear Partial Differential Equations, and Applications, **Moxun Tang** and **Baisheng Yan**, Michigan State University, and **Zhengfang Zhou**, Michigan State University.

Combinatorics, Geometry, and Representation Theory of Homogeneous Spaces, **Mahir Bilen Can** and **Michael Joyce**, Tulane University, and **Miriam Logan**, Bowdoin College.

Complex Analysis in Several Variables and its Applications, **Debraj Chakrabarti**, Central Michigan University, and **Yunus Zeytuncu**, University of Michigan at Dearborn.

Conformal Geometry and Statistical Physics, **Ilia Binder**, University of Toronto, and **Dapeng Zhan**, Michigan State University.

Discrete Stochastic Models, **Michael Damron**, Indiana University, and **David Sivakoff**, The Ohio State University.

Extremal Graph Theory: Hypergraphs, Directed Graphs, and Other Generalizations, **Louis DeBiasio**, Miami University, and **Theodore Molla**, University of Illinois at Urbana-Champaign.

Floer Homology, Gauge Theory, and Symplectic Geometry, **David Duncan**, **Matt Hedden**, and **Tom Parker**, Michigan State University.

Fractals and Tilings, **Sze-Man Ngai**, Georgia Southern University, **Erin Pearse**, California Polytechnic State University, **Yang Wang**, Hong Kong University of Science and Technology, and **Yimin Xiao**, Michigan State University.

Fractional Calculus and Nonlocal Operators, **Mark M. Meerschaert** and **Russell Schwab**, Michigan State University.

Frames, Wavelets and Their Applications, **Palle Jorgensen**, University of Iowa, **Darrin Speegle**, St. Louis University, and **Yang Wang**, Hong Kong University of Science and Technology.

Geometry and Invariants of 3-Manifolds, **Oliver Dasbach**, Louisiana State University, and **Effie Kalfagianni**, Michigan State University.

Geometry of Manifolds, Singular Spaces, and Groups, **Benjamin Schmidt**, Michigan State University, and **Meera Mainkar**, Central Michigan University.

Groups and Representations, **Amanda Schaeffer Fry**, Metropolitan State University of Denver, **Jonathan Hall**, Michigan State University, and **Hung Nguyen**, University of Akron.

Harmonic Analysis and Applications, **Jarod Hart**, Wayne State University, **Nguyen Lam**, University of Pittsburgh, and **Guozhen Lu**, Wayne State University.

Harmonic Analysis and Partial Differential Equations, **Michael Goldberg**, University of Cincinnati, and **William Green**, Rose-Hulman Institute of Technology.

High-Frequency Problems, **Shlomo Levental** and **Mark Schroder**, Michigan State University.

Homotopy Continuation Methods and Their Applications to Science and Engineering, **Tianran Chen**, Michigan State University, and **Dhagash Mehta**, North Carolina State University.

Integrable Combinatorics, **Philippe Di Francesco** and **Rinat Kedem**, University of Illinois at Urbana-Champaign.

Interactions between Geometry, Group Theory, and Number Theory, **Benjamin Linowitz**, University of Michigan, and **D. B. Reynolds**, Purdue University.

Inverse Problems and Imaging, **Yulia Hristova**, University of Michigan-Dearborn, and **Linh Nguyen**, University of Idaho.

Knot Theory and Floer-Type Invariants, **Christopher Cornwell**, Université du Québec à Montréal, and **Faramarz Vafae**, Caltech.

Mathematics in Industry and Industrial Problems with Mathematics Application, **Peiru Wu**, Michigan State University.

Modeling, Numerics, and Analysis of Electro-Diffusion Phenomena, **Peter W. Bates**, Michigan State University, **Weishi Liu**, University of Kansas, and **Mingji Zhang**, Michigan State University.

New Developments in Actuarial Mathematics, **Emiliano A. Valdez**, Michigan State University.

New Developments in Stochastic Analysis, Stochastic Control and Related Fields, **Chao Zhu**, University of Wisconsin-Milwaukee.

Nonlinear Waves: Dynamics and Stability, **Keith Promislow** and **Qiliang Wu**, Michigan State University.

Phase Retrieval in Theory and Practice, **Matthew Fickus**, Air Force Institute of Technology, **Mark Iwen**, Michigan State University, and **Dustin Mixon**, Air Force Institute of Technology.

Random Fields and Long Range Dependence, **Mark M. Meerschaert** and **Yimin Xiao**, Michigan State University.

Random Matrices and Compressed Sensing, **Yang Liu**, Michigan State University.

Recent Advances in Finite Element and Discontinuous Galerkin Methods for Partial Differential Equations, **Aycil Cesmelioglu** and **Anna Maria Spagnuolo**, Oakland University.

Recent Advances in Mathematical Modeling of the Financial Markets, **Albert Cohen**, Michigan State University, and **Nick Costanzino**, University of Toronto.

Recent Advances in the Geometry of Submanifolds, Dedicated to the Memory of Franki Dillen (1963-2013), **Alfonso Carriazo Rubio**, University of Sevilla, **Yun Myung Oh**, Andrews University, **Bogdan D. Suceavă**, California State University, Fullerton, and **Joeri Van der Veken**, KU Leuven.

Smooth Dynamical Systems and Ergodic Theory, **Nicolai Haydn**, University of Southern California, and **Huyi Hu** and **Sheldon Newhouse**, Michigan State University.

Spectral Theory, Disorder, and Quantum Many Body Physics, **Peter D. Hislop**, University of Kentucky, and **Jeffrey Schenker**, Michigan State University.

Stochastic Partial Differential Equations and Applications, **Leszek Gawarecki**, Kettering University, and **Vidyadhar Mandrekar**, Michigan State University.

Survey of Biomathematics, **Hannah Callender**, University of Portland, **Peter Hinow**, University of Wisconsin,

Milwaukee, and **Deena Schmidt**, Case Western Reserve University.

The Geometry of Algebraic Varieties, **Kevin Tucker**, University of Illinois at Chicago, and **Brian Lehmann**, Boston College.

Topics in Noncommutative Algebra and Algebraic Geometry, **Jason Bell**, University of Waterloo, **Rajesh S. Kulkarni**, Michigan State University, and **Daniel Rogalski**, UC San Diego.

Huntsville, Alabama

University of Alabama in Huntsville

March 27–29, 2015

Friday – Sunday

Meeting #1109

Southeastern Section

Associate secretary: Brian D. Boe

Announcement issue of *Notices*: January 2015

Program first available on AMS website: February 11, 2015

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: Volume 36, Issue 2

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

Eva Bayer-Fluckiger, EPFL, *On the Euclidean Division*.

M. Gregory Forest, University of North Carolina at Chapel Hill, *Mathematics of Living Fluids*.

Dan Margalit, Georgia Institute of Technology, *Geometry, algebra, and dynamics of surfaces*.

Paul Pollack, University of Georgia, *Big doings with small gaps*.

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 www.ams.org/cgi-bin/abstracts/abstract.pl.

Advances in the Theory and Applications of Dynamical Systems, **Shangbing Ai** and **Wenzhang Huang**, University of Alabama in Huntsville.

Analysis on Nonlinear Integral and Partial Differential Equations, **Tadele Mengesha** and **Tuoc Phan**, The University of Tennessee.

Analytic Methods in Elementary Number Theory, **Paul Pollack**, University of Georgia.

Fractal Geometry and Ergodic Theory, **Mrinal Kanti Roychowdhury**, University of Texas-Pan American.

Geometric Group Theory and Topology, **Tara Brendle**, University of Glasgow, **Christopher Leininger**, University of Illinois at Urbana-Champaign, and **Dan Margalit**, Georgia Institute of Technology.

Graph Theory, **Chris Stephens**, **Dong Ye**, and **Xiaoya Zha**, Middle Tennessee State University.

Mathematical Modeling in Ecology and Epidemiology, **Andrew Nevai** and **Zhisheng Shuai**, University of Central Florida.

New Developments in Population Dynamics and Epidemiology, **Jia Li**, University of Alabama in Huntsville, **Maia Martcheva**, University of Florida, and **Necibe Tuncer**, Florida Atlantic University.

Nonlinear Operator Theory and Partial Differential Equations, **Craig Cowan**, University of Manitoba, and **Claudio Morales**, University of Alabama in Huntsville.

Quadratic Forms in Arithmetic and Geometry, **Asher Auel**, Yale University, **Jorge Morales**, Louisiana State University, and **Anne Quéguiner-Mathieu**, Université Paris 13.

Recent Advances in Numerical Methods for Nonlinear Partial Differential Equations, **S. S. Ravindran**, University of Alabama in Huntsville.

Recent Progress in Differential Equations, **Mathew Gluck**, University of Alabama in Huntsville.

Recent Trends in Mathematical Biology, **Wandi Ding** and **Zachariah Sinkala**, Middle Tennessee State University.

Stochastic Analysis and Applications, **Parisa Fatheddin**, University of Alabama in Huntsville.

Stochastic Processes and Related Topics, **Paul Jung**, University of Alabama at Birmingham, **Erkan Nane**, Auburn University, and **Dongsheng Wu**, University of Alabama in Huntsville.

Topology and Topological Methods in Dynamical Systems, **John Mayer** and **Lex Oversteegen**, University of Alabama at Birmingham.

Las Vegas, Nevada

University of Nevada, Las Vegas

April 18–19, 2015

Saturday – Sunday

Meeting #1110

Western Section

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: February 2015

Program first available on AMS website: March 5, 2015

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: Volume 36, Issue 2

Deadlines

For organizers: Expired

For abstracts: February 24, 2015

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

Invited Addresses

Joel Hass, University of California, Davis, *Optimal diffeomorphisms of surfaces and some applications.*

Ko Honda, UCLA, *An invitation to Floer homology.*

Brendon Rhoades, University of California, San Diego, *Evaluating q -analogues in combinatorics and algebra.*

Bianca Viray, University of Washington, Seattle, *Reciprocity laws and rational points on varieties.*

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 www.ams.org/cgi-bin/abstracts/abstract.pl.

Algebraic Structures in Knot Theory (Code: SS 7A), **Sam Nelson**, Claremont McKenna College, and **Radmila Sazdanović**, North Carolina State University.

Algebraic and Enumerative Combinatorics (Code: SS 8A), **Drew Armstrong**, University of Miami, and **Brendon Rhoades**, University of California, San Diego.

Algebro-Geometric Methods in Graph Theory (Code: SS 24A), **Mohamed Omar**, Harvey Mudd College, and **Matthew T. Stamps**, KTH.

Arithmetic Geometry (Code: SS 18A), **Katherine E. Stange**, University of Colorado, Boulder, and **Bianca Viray**, University of Washington.

Cloaking and Metamaterials (Code: SS 9A), **Jichun Li**, University of Nevada, Las Vegas, and **Fernando Guevera Vasquez**, University of Utah.

Contact Geometry and Low-Dimensional Topology (Code: SS 25A), **Ko Honda** and **Erkao Bao**, University of California, Los Angeles, and **Lenhard Ng**, Duke University.

Data Analysis and Physical Processes (Code: SS 4A), **Hanna Makaruk**, Los Alamos National Laboratory, and **Eric Machorro**, National Security Technologies.

Developments of Numerical Methods and Computations for Fluid Flow Problems (Code: SS 11A), **Monika Neda**, University of Nevada, Las Vegas.

Evolution Problems at the Interface of Waves and Fluids (Code: SS 12A), **I. Bejenaru**, University of California, San Diego, and **B. Pausader** and **V. Vicol**, Princeton University.

Extremal and Structural Graph Theory (Code: SS 10A), **Bernard Lidický** and **Derrick Stolee**, Iowa State University.

Geometric Inequalities and Nonlinear Partial Differential Equations (Code: SS 19A), **Guozhen Lu**, Wayne State University, **Nguyen Lam**, University of Pittsburgh, and **Bernhard Ruf**, Università di Milano.

History Of Mathematics (Code: SS 23A), **Satish C. Bhatnagar**, University of Nevada, Las Vegas.

Inverse Problems and Related Mathematical Methods in Physics (Code: SS 1A), **Hanna Makaruk**, Los Alamos National Laboratory, and **Robert Owczarek**, University of New Mexico, Albuquerque.

Knots and 3-Manifolds (Code: SS 14A), **Abby Thompson** and **Anastasiia Tsvietkova**, University of California-Davis.

Mathematical and Numerical Aspects of Modeling Flows Through Porous Media (Code: SS 16A), **Aleksey S.**

Telyakovskiy and **Stephen W. Wheatcraft**, University of Nevada, Reno.

Modeling and Numerical Studies for Coupled System of PDEs Arising From Interdisciplinary Problems (Code: SS 20A), **Pengtao Sun**, University of Nevada, Las Vegas.

New Developments in Noncommutative Algebra (Code: SS 22A), **Ellen Kirkman**, Wake Forest University, and **James Zhang**, University of Washington, Seattle.

Nonlinear Conservation Laws and Applications (Code: SS 6A), **Matthias Youngs**, Indiana University-Purdue University Columbus, **Cheng Yu**, University of Texas at Austin, and **Kun Zhao**, Tulane University.

Nonlinear Elliptic and Parabolic PDEs (Code: SS 17A), **Igor Kukavica**, University of Southern California, **Walter Rusin**, Oklahoma State University, and **Fei Wang**, University of Southern California.

Nonlinear PDEs and Variational Methods (Code: SS 5A), **David Costa**, **Zhonghai Ding**, and **Hossein Tehrani**, University of Nevada, Las Vegas.

Recent Advances in Finite Element Analysis and Applications (Code: SS 13A), **Jichun Li**, University of Las Vegas, and **Susanne Brenner**, Louisiana State University.

Recent Advances in Finite Element Analysis and Applications (Code: SS 21A), **Jichun Li**, University of Nevada, Las Vegas, and **Susanne Brenner**, Louisiana State University.

Set Theory (Code: SS 15A), **Derrick Dubose** and **Douglas Burke**, University of Nevada, Las Vegas.

Stochastic Analysis and Rough Paths (Code: SS 2A), **Fabrice Baudoin**, Purdue University, **David Nualart**, University of Kansas, and **Cheng Ouyang**, University of Illinois at Chicago.

Topics in Graph Theory: Structural and Extremal Problems (Code: SS 3A), **Jie Ma**, Carnegie Mellon University, **Hehui Wu**, Simon Fraser University, and **Gexin Yu**, College of William & Mary.

Porto, Portugal

University of Porto

June 10-13, 2015

Wednesday - Saturday

Meeting #1111

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*: February 2015

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: Expired

For abstracts: Expired

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

Invited Addresses

Rui Loja Fernandes, University of Illinois at Urbana-Champaign, *Title to be announced.*

Irene Fonseca, Carnegie Mellon University, *Title to be announced.*

Annette Huber, Albert-Ludwigs-Universität, *Title to be announced.*

Mikhail Khovanov, Columbia University, *Title to be announced.*

André Neves, Imperial College London, *Title to be announced.*

Sylvia Serfaty, Université Pierre et Marie Curie Paris 6, *Title to be announced.*

Gigliola Staffilani, Massachusetts Institute of Technology, *Title to be announced.*

Marcelo Viana, Instituto de Matemática Pura e Aplicada, Brasil, *Title to be announced.*

Chicago, Illinois

Loyola University Chicago

October 3–4, 2015

Saturday – Sunday

Meeting #1112

Central Section

Associate secretary: Georgia Benkart

Announcement issue of *Notices*: June 2015

Program first available on AMS website: August 20, 2015

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: Volume 36, Issue 4

Deadlines

For organizers: March 10, 2015

For abstracts: August 11, 2015

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

Invited Addresses

Julia Chuzhoy, Toyota Technological Institute at Chicago, *Title to be announced.*

Andrew Neitzke, The University of Texas at Austin, *Title to be announced.*

Sebastien Roch, University of Wisconsin-Madison, *Title to be announced.*

Peter Sarnak, Princeton University, *Title to be announced* (Erdős Memorial 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 www.ams.org/cgi-bin/abstracts/abstract.pl.

Algebraic Methods Common to Association Schemes, Hopf Algebras, Tensor Categories, Finite Geometry, and Related Areas (Code: SS 1A), **Harvey Blau**, Northern Illinois University, **Sung Y. Song**, Iowa State University, and **Bangteng Xu**, Eastern Kentucky University.

Combinatorial and Computational Algebra (Code: SS 4A), **David Cook**, Eastern Illinois University, and **Sonja Mapes**, University of Notre Dame.

Groups, Rings, Group Rings, and Hopf Algebras – Celebrating the 75th Birthday of Professor Donald S. Passman (Code: SS 2A), **Jeffrey Bergen**, **Stefan Catoiu**, and **William Chin**, DePaul University.

The Mathematics of Evolution (Code: SS 3A), **Ruth Davidson** and **Ruriko Yoshida**, University of Illinois Urbana-Champaign.

Memphis, Tennessee

University of Memphis

October 17–18, 2015

Saturday – Sunday

Meeting #1113

Southeastern Section

Associate secretary: Brian D. Boe

Announcement issue of *Notices*: August 2015

Program first available on AMS website: September 3, 2015

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: Volume 36, Issue 3

Deadlines

For organizers: March 17, 2015

For abstracts: August 25, 2015

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

Invited Addresses

Mark van Hoeij, Florida State University, *Title to be announced.*

Vaughan Jones, Vanderbilt University, *Title to be announced.*

Mette Olufsen, North Carolina State University, *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 www.ams.org/cgi-bin/abstracts/abstract.pl.

Advances in Operator Theory and Applications, in memory of James Jamison (Code: SS 5A), **Fernanda Botelho**,

University of Memphis, and **T.S.S.R.K. Rao**, Indian Statistical Institute Bangalore.

Banach Spaces and Applications (Code: SS 4A), **Anna Kaminska**, **Peikee Lin**, and **Bentuo Zheng**, University of Memphis.

Cahn-Hilliard and Related Equations and Applications. (Code: SS 11A), **Giséle Ruiz Goldstein**, University of Memphis, and **Alain Miranville**, Université de Poitiers.

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

Control and Inverse Problems for Partial Differential Equations (Code: SS 6A), **Matthias Eller**, Georgetown University, **Shitao Liu**, Clemson University, and **Roberto Triggiani**, University of Memphis.

Difference Equations and Applications. (Code: SS 12A), **Michael A. Radin**, Rochester Institute of Technology, and **Youssef Raffoul**, University of Dayton.

Ergodic Theory (Code: SS 8A), **James T. Campbell** and **Mate Wierdl**, University of Memphis.

Extremal Graph Theory (Code: SS 3A), **Ralph Faudree**, University of Memphis.

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

Recent Advances in Commutative Algebra. (Code: SS 13A), **Sandra Spiroff**, University of Mississippi, and **Lance Miller**, University of Arkansas.

Recent Developments in the Statistical Analysis of Large Clustered Data (Code: SS 10A), **E. Olusegun George**, University of Memphis.

Spectra of Graphs and Hypergraphs. (Code: SS 9A), **Vladimir Nikiforov**, University of Memphis.

Stabilization, Control, and Analysis of Evolutionary Partial Differential Equations (Code: SS 7A), **George Avalos**, University of Nebraska Lincoln, **Scott Hansen**, Iowa State University, and **Justin Webster**, North Carolina State University & College of Charleston.

Fullerton, California

California State University, Fullerton

October 24–25, 2015

Saturday – Sunday

Meeting #1114

Western Section

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: August 2015

Program first available on AMS website: September 10, 2015

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: Volume 36, Issue 4

Deadlines

For organizers: March 27, 2015

For abstracts: September 1, 2015

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

Invited Addresses

Mina Aganagic, University of California, Berkeley, *Title to be announced.*

John Lott, University of California, Berkeley, *Title to be announced.*

Eyal Lubetzky, Microsoft Research, Redmond, *Title to be announced.*

Zhiwei Yun, Stanford University, *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 www.ams.org/cgi-bin/abstracts/abstract.pl.

Geometric Analysis (Code: SS 1A), **John Lott**, University of California, Berkeley, and **Aaron Naber**, Northwestern University.

Mathematicians and Outreach Programs (Code: SS 2A), **Olga Radko**, University of California Los Angeles, and **Bodgan D. Suceava**, California State University, Fullerton.

Spectral Asymptotics of Large Matrices (Code: SS 3A), **Alain Bourget** and **Tyler McMillen**, California State University, Fullerton.

New Brunswick, New Jersey

Rutgers University

November 14–15, 2015

Saturday – Sunday

Meeting #1115

Eastern Section

Associate secretary: Steven H. Weintraub

Announcement issue of *Notices*: September 2015

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: November 2015

Issue of *Abstracts*: Volume 36, Issue 4

Deadlines

For organizers: April 14, 2015

For abstracts: September 22, 2015

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

Invited Addresses

Lee Mosher, Rutgers University, *Title to be announced.*

Jill Pipher, Brown University, *Title to be announced.*

David Vogan, Massachusetts Institute of Technology, *Title to be announced.*

Wei Zhang, Columbia University, *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 www.ams.org/cgi-bin/abstracts/abstract.pl.

Advances in Valuation Theory (Code: SS 6A), **Samar El Hitti**, New York City College of Technology, City University of New York, **Franz-Viktor Kuhlmann**, University of Saskatchewan, and **Hans Schoutens**, New York City College of Technology, City University of New York.

Applications of CAT(0) Cube Complexes (Code: SS 1A), **Sean Cleary**, City College of New York and the City University of New York Graduate Center, and **Megan Owen**, Lehman College of the City University of New York.

Aspects of Minimal Surfaces in Riemannian Manifolds (Code: SS 4A), **Zheng Huang** and **Marcello Lucia**, City University of New York, Staten Island and Graduate Center.

Commutative Algebra (Code: SS 2A), **Laura Ghezzi**, New York City College of Technology, City University of New York, and **Jooyoun Hong**, Southern Connecticut State University.

Difference equations and applications (Code: SS 5A), **Manos Drymonis**, Providence College, **Evelina Lapierre**, Johnson and Wales University, and **Michael Radin**, Rochester Institute of Technology.

On Geometric Topology: A Celebration of Jim West's 70th Birthday (Code: SS 3A), **Alexandre Dranishnikov**, University of Florida, **Steve Ferry**, Rutgers University, and **Boris Goldfarb**, State University of New York at Albany.

Representation Theory, Vertex Operator Algebras, and Related Topics (Code: SS 7A), **Corina Calinescu**, New York City College of Technology, City University of New York, **Andrew Douglas**, New York City College of Technology and Graduate Center, City University of New York, and **Joshua Sussan**, Medgar Evers College, City University of New York.

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

Athens, Georgia

University of Georgia

March 5–6, 2016

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: August 5, 2015

For abstracts: To be announced

Stony Brook, New York

State University of New York at Stony Brook

March 19–20, 2016

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 19, 2015

For abstracts: February 2, 2016

Salt Lake City, Utah

University of Utah

April 9–10, 2016

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: To be announced
For abstracts: To be announced

Fargo, North Dakota

North Dakota State University

April 16–17, 2016

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*: 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/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 www.ams.org/cgi-bin/abstracts/abstract.pl.

Convexity and Harmonic Analysis, Maria Alfonseca-Cubero, North Dakota State University, and Dmitry Ryabogin, Kent State University.

Ergodic Theory and Dynamical Systems, Dogan Comez, North Dakota State University, and Mrinal Kanti Roychowdhury, University of Texas-Pan American.

Mathematical Finance, Indranil SenGupta, North Dakota State University.

Brunswick, Maine

Bowdoin College

September 24–25, 2016

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: July 23, 2016

Denver, Colorado

University of Denver

October 8–9, 2016

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: March 8, 2016

For abstracts: August 16, 2016

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

For abstracts: To be announced

Charleston, South Carolina

College of Charleston

March 10–12, 2017

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: November 10, 2016
 For abstracts: To be announced

Bloomington, Indiana

Indiana University

April 1–2, 2017

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*: To be announced

Issue of *Abstracts*: To be announced

Deadlines

For organizers: To be announced
 For abstracts: To be announced

Pullman, Washington

Washington State University

April 22–23, 2017

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: To be announced
 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