
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.

Louisville, Kentucky

University of Louisville

October 5–6, 2013

Saturday – Sunday

Meeting #1092

Southeastern Section

Associate secretary: Brian D. Boe

Announcement issue of *Notices*: June 2013

Program first available on AMS website: August 22, 2013

Program issue of electronic *Notices*: October 2013

Issue of *Abstracts*: Volume 34, Issue 3

Deadlines

For organizers: Expired

For abstracts: August 13, 2013

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

Invited Addresses

Michael Hill, University of Virginia, *Framed manifolds and equivariant homotopy: A solution to the Kervaire Invariant One problem.*

Suzanne Lenhart, University of Tennessee and NIMBioS, *Using optimal control of PDEs to investigate population questions.*

Ralph McKenzie, Vanderbilt University, *A perspective on fifty years of work, delight and discovery in general algebra.*

Victor Moll, Tulane University, *2-adic valuations of classical sequences: A collection of examples.*

Special Sessions

Algebraic Coding Theory (Code: SS 5A), **Steve Szabo**, Eastern Kentucky University, and **Heide Gluesing-Luerssen**, University of Kentucky.

Algebraic Cryptography (Code: SS 12A), **Daniel Smith**, University of Louisville.

Applied Analysis and Inverse Problems (Code: SS 9A), **Peijun Li**, Purdue University, **Jiguang Sun**, Michigan Technological University, and **Yongzhi Steve Xu**, University of Louisville.

Combinatorial Commutative Algebra (Code: SS 4A), **Juan Migliore**, University of Notre Dame, and **Uwe Nagel**, University of Kentucky.

Commutative Rings, Ideals, and Modules (Code: SS 3A), **Ela Celikbas** and **Olgur Celikbas**, University of Missouri-Columbia.

Extremal Graph Theory (Code: SS 2A), **Jozsef Balogh**, University of Illinois at Urbana-Champaign, and **Louis DeBiasio** and **Tao Jiang**, Miami University, Oxford, OH.

Finite Universal Algebra (Code: SS 6A), **Ralph McKenzie**, Vanderbilt University, and **Matthew Valeriote**, McMaster University.

Fixed Point Theorems and Applications to Integral, Difference, and Differential Equations (Code: SS 8A), **Jeffrey W. Lyons**, Nova Southeastern University, and **Jeffrey T. Neugebauer**, Eastern Kentucky University.

Harmonic Analysis and Partial Differential Equations (Code: SS 10A), **Russell Brown** and **Katharine Ott**, University of Kentucky.

History of Mathematics and Its Use in Teaching (Code: SS 20A), **Daniel J. Curtin**, Northern Kentucky University, and **Daniel E. Otero**, Xavier University.

Homogenization of Partial Differential Equations (Code: SS 14A), **Zhongwei Shen**, University of Kentucky, and **Yifeng Yu**, University of California, Irvine.

Mathematical Analysis of Complex Fluids and Flows (Code: SS 15A), **Xiang Xu**, Carnegie Mellon University, and **Changyou Wang**, University of Kentucky.

Mathematical Issues in Ecological and Epidemiological Modeling (Code: SS 19A), **K. Renee Fister**, Murray State University, and **Suzanne Lenhart**, University of Tennessee.

Mathematical Models in Biology and Physiology (Code: SS 21A), **Yun Kang**, Arizona State University, and **Jiaxu Li**, University of Louisville.

Partial Differential Equations from Fluid Mechanics (Code: SS 16A), **Changbing Hu**, University of Louisville, and **Florentina Tone**, University of West Florida.

Partially Ordered Sets (Code: SS 18A), **Csaba Biro** and **Stephen J. Young**, University of Louisville.

Recent Advances on Commutative Algebra and Its Applications (Code: SS 11A), **Hamid Kulosman** and **Jinjia Li**, University of Louisville, and **Hamid Rahmati**, Miami University.

Set Theory and Its Applications (Code: SS 1A), **Paul Larson**, Miami University, **Justin Moore**, Cornell University, and **Grigor Sargsyan**, Rutgers University.

Spreading Speeds and Traveling Waves in Spatial-Temporal Evolution Systems (Code: SS 17A), **Bingtuan Li**, University of Louisville, and **Roger Lui**, Worcester Polytechnic Institute.

The Work of Mathematicians and Mathematics Departments in Mathematics Education (Code: SS 22A), **Benjamin Braun**, **Carl Lee**, and **David Royster**, University of Kentucky.

Topological Dynamics and Ergodic Theory (Code: SS 13A), **Alica Miller**, University of Louisville, and **Joe Rosenblatt**, University of Illinois at Urbana-Champaign.

Weak Convergence in Probability and Statistics (Code: SS 7A), **Cristina Tone**, **Ryan Gill**, and **Kiseop Lee**, University of Louisville.

Philadelphia, Pennsylvania

Temple University

October 12–13, 2013

Saturday – Sunday

Meeting #1093

Eastern Section

Associate secretary: Steven H. Weintraub

Announcement issue of *Notices*: June 2013

Program first available on AMS website: August 29, 2013

Program issue of electronic *Notices*: October 2013

Issue of *Abstracts*: Volume 34, Issue 3

Deadlines

For organizers: Expired

For abstracts: August 20, 2013

The scientific information listed below may be dated. For the latest information, see www.ams.org/amsmtg/section1.html.

Invited Addresses

Patrick Brosnan, University of Maryland, *Normal functions*.

Xiaojun Huang, Rutgers University at New Brunswick, *Equivalence problems in several complex variables*.

Barry Mazur, Harvard University, *Arithmetic statistics: Elliptic curves and other mathematical objects* (Erdős Memorial Lecture).

Robert Strain, University of Pennsylvania, *On the Boltzmann equation without angular cut-off*.

Special Sessions

Analysis and Computing for Electromagnetic Waves (Code: SS 10A), **David Ambrose** and **Shari Moskow**, Drexel University.

Combinatorial Commutative Algebra (Code: SS 12A), **Tái Huy Há**, Tulane University, and **Fabrizio Zanello**, Massachusetts Institute of Technology and Michigan Technological University.

Contact and Symplectic Topology (Code: SS 5A), **Joshua M. Sabloff**, Haverford College, and **Lisa Traynor**, Bryn Mawr College.

Difference Equations and Applications (Code: SS 9A), **Michael Radin**, Rochester Polytechnic Institute, and **Faina Berezovskaya**, Howard University.

Geometric Aspects of Topology and Group Theory (Code: SS 17A), **David Futер**, Temple University, and **Ben McReynolds**, Purdue University.

Geometric Topology of Knots and 3-manifolds (Code: SS 16A), **Abhijit Champanerkar**, **Ilya Kofman**, and **Joseph Maher**, College of Staten Island and The Graduate Center, City University of New York.

Geometric and Spectral Analysis (Code: SS 3A), **Thomas Krainer**, Pennsylvania State Altoona, and **Gerardo A. Mendoza**, Temple University.

Higher Structures in Algebra, Geometry and Physics (Code: SS 2A), **Jonathan Block**, University of Pennsylvania, **Vasily Dolgushev**, Temple University, and **Tony Pantev**, University of Pennsylvania.

History of Mathematics in America (Code: SS 4A), **Thomas L. Bartlow**, Villanova University, **Paul R. Wolfson**, West Chester University, and **David E. Zitarelli**, Temple University.

Mathematical Biology (Code: SS 8A), **Isaac Klapper**, Temple University, and **Kathleen Hoffman**, University of Maryland, Baltimore County.

Meshfree, Particle, and Characteristic Methods for Partial Differential Equations (Code: SS 21A), **Toby Driscoll**

and **Louis Rossi**, University of Delaware, and **Benjamin Seibold**, Temple University.

Modular Forms and Modular Integrals in Memory of Marvin Knopp (Code: SS 20A), **Helen Grundman**, Bryn Mawr College, and **Wladimir Pribitkin**, College of Staten Island and the Graduate Center, City University of New York.

Multiple Analogues of Combinatorial Special Numbers and Associated Identities (Code: SS 11A), **Hasan Coskun**, Texas A&M University Commerce.

Nonlinear Elliptic and Wave Equations and Applications (Code: SS 15A), **Nsoki Mavinga**, Swarthmore College, and **Doug Wright**, Drexel University.

Parabolic Evolution Equations of Geometric Type (Code: SS 18A), **Xiaodong Cao**, Cornell University, **Longzhi Lin**, Rutgers University, and **Peng Wu**, Cornell University.

Partial Differential Equations, Stochastic Analysis, and Applications to Mathematical Finance (Code: SS 14A), **Paul Feehan** and **Ruoting Gong**, Rutgers University, and **Camelia Pop**, University of Pennsylvania.

Recent Advances in Harmonic Analysis and Partial Differential Equations (Code: SS 1A), **Cristian Gutiérrez** and **Irina Mitrea**, Temple University.

Recent Developments in Noncommutative Algebra (Code: SS 6A), **Edward Letzter** and **Martin Lorenz**, Temple University.

Representation Theory, Combinatorics and Categorification (Code: SS 19A), **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** and **Bart Van Steirteghem**, Medgar Evers College, City University of New York.

Several Complex Variables and CR Geometry (Code: SS 7A), **Andrew Raich**, University of Arkansas, and **Yuan Zhang**, Indiana University-Purdue University Fort Wayne.

The Geometry of Algebraic Varieties (Code: SS 13A), **Karl Schwede**, Pennsylvania State University, and **Zsolt Patakfalvi**, Princeton University.

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: August 27, 2013

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, *Title to be announced.*

Effie Kalfagianni, Michigan State University, *Title to be announced.*

Jon Kleinberg, Cornell University, (Einstein Lecture) *Title to be announced.*

Vladimir Sverak, University of Minnesota, *Title to be announced.*

Special Sessions

Advances in Difference, Differential, and Dynamic Equations with Applications (Code: SS 12A), **Elvan Akin**, Missouri S&T University, **Youssef Raffoul**, University of Dayton, and **Agacik Zafer**, American University of the Middle East.

Advances in Mathematical Methods for Disease Modeling (Code: SS 21A), **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 (Code: SS 19A), **Roya Beheshti**, **Matt Kerr**, and **N. Mohan Kumar**, Washington University, St. Louis.

Algebraic and Combinatorial Invariants of Knots (Code: SS 1A), **Heather Dye**, McKendree University, **Allison Henrich**, Seattle University, **Aaron Kaestner**, North Park University, and **Louis Kauffman**, University of Illinois.

Automorphic Forms and Representation Theory (Code: SS 7A), **Dubravka Ban** and **Joe Hundley**, Southern Illinois University, and **Shuichiro Takeda**, University of Missouri, Columbia.

Commutative Algebra (Code: SS 11A), **Lianna Sega**, University of Missouri, Kansas City, and **Hema Srinivasan**, University of Missouri, Columbia.

Computability Across Mathematics (Code: SS 2A), **Wesley Calvert**, Southern Illinois University, and **Johanna Franklin**, University of Connecticut.

Convex Geometry and its Applications (Code: SS 16A), **Susanna Dann**, **Alexander Koldobsky**, and **Peter Pivovarov**, University of Missouri.

Geometric Aspects of 3-Manifold Invariants (Code: SS 10A), **Oliver Dasbach**, Louisiana State University, and **Effie Kalfagianni**, Michigan State University.

Geometric Topology in Low Dimensions (Code: SS 4A), **William H. Kazez**, University of Georgia, and **Rachel Roberts**, Washington University in St. Louis.

Groupoids in Analysis and Geometry (Code: SS 6A), **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 (Code: SS 3A), **Leonid Kovalev**, Syracuse University, and **Jeremy Tyson**, University of Illinois, Urbana-Champaign.

Linear and Non-linear Geometry of Banach Spaces (Code: SS 13A), **Daniel Freeman** and **Nirina Lovasoa Rاندrianarivony**, St. Louis University.

Noncommutative Rings and Modules (Code: SS 5A), **Greg Marks** and **Ashish Srivastava**, St. Louis University.

Operator Theory (Code: SS 9A), **John McCarthy**, Washington University in St. Louis.

PDEs of Fluid Mechanics (Code: SS 17A), **Roman Shvydkoy**, University of Illinois Chicago, and **Vladimir Sverak**, University of Minnesota.

Spectral, Index, and Symplectic Geometry (Code: SS 15A), **Alvaro Pelayo** and **Xiang Tang**, Washington University, St. Louis.

Statistical Properties of Dynamical Systems (Code: SS 14A), **Timothy Chumley** and **Renato Feres**, Washington University in St. Louis, and **Hongkun Zhang**, University of Massachusetts, Amherst.

Topological Combinatorics (Code: SS 20A), **John Shareshian**, Washington University, St. Louis, and **Russ Woodroffe**, Mississippi State University.

Wavelets, Frames, and Related Expansions (Code: SS 8A), **Marcin Bownik**, University of Oregon, **Darrin Speegle**, Saint Louis University, and **Guido Weiss**, Washington University, St. Louis.

p-local Group Theory, Fusion Systems, and Representation Theory (Code: SS 18A), **Justin Lynd**, Rutgers University, and **Julianne Rainbolt**, Saint Louis University.

Session for Contributed Talks

There also will be a session for 10-minute contributed talks. Please see the abstracts submission form at <http://www.ams.org/cgi-bin/abstracts/abstract.pl>. The deadline for all submissions is **August 27, 2013**.

Accommodations

Participants should make their own arrangements directly with the hotel of their choice. Special discounted rates were negotiated with the hotels listed below. Rates quoted do not include hotel tax. Participants must state that they are with the **American Mathematical Society (AMS) Meeting at Washington University or "AMS Meet Me in St. Louis"** to receive the discounted rate. The AMS is not responsible for rate changes or for the quality of the accommodations. **Hotels have varying cancellation and early checkout penalties; be sure to ask for details.**

Knight Center, 1 Brookings Drive, St. Louis, MO 63130, 314-933-9400; www.ahl-knightcenter.com/. Rates are US\$139 per night for single/double occupancy. Please note that hotel tax in St. Louis includes a 7.25% convention tax as well as a 6.925% city tax. Amenities include free wireless Internet in rooms, continental breakfast, complimentary guest snack pantry, garage parking, in-room dining, fitness center, guest laundry, and 24-hour business center. The hotel is located on the campus of Washington University. Cancellation and early check out policies vary; be sure to check when you make your reservation. Check in time is 3:00 p.m. and check out time is 12:00 p.m. **The deadline for reservations at this rate is September 17, 2013.**

Crowne Plaza/St. Louis-Clayton, 7750 Carondelet Avenue, Clayton, MO 63105, 314-726-5400; www.cpclayton.com. Rates are US\$109 per night for singles/doubles. Please note that hotel tax is 15.43%. Amenities

include complimentary wireless access, a hot breakfast buffet, as well as a heated indoor/outdoor swimming pool, 24-hour fitness and business centers. The hotel offers complimentary shuttle service to and from Lambert-St. Louis International Airport and the immediate Clayton business district, daily from 6:00 a.m.-10:00 p.m. This property is located within 2 miles of campus. Cancellation and early check out policies vary; be sure to check when you make your reservation. Check in time is 4:00 p.m. and check out time is 12:00 p.m. **The deadline for reservations at this rate is September 17, 2013.**

Sheraton Clayton Plaza Hotel St. Louis, 7730 Bonhomme Avenue, Clayton, MO 63105, 314-863-0400; www.sheratonclaytonhotel.com/. Rates are US\$104 per night for single/double occupancy. Please note that hotel tax is 7.25% occupancy tax and 7.33% sales tax. Amenities include complimentary fitness facility, indoor heated pool, business center, and complimentary shuttle service to and from the airport (call for details.) Self-parking is US\$14/day and valet parking is US\$22/day. In-room fee for Internet is US\$9.95/24 hours; complimentary Internet access in the lobby. This property is located within 2 miles of campus. Cancellation and early check out policies vary; be sure to check when you make your reservation. Check in time is 3:00 p.m. and check out time is 12:00 p.m. **The deadline for reservations at this rate is September 17, 2013.**

The Comfort Inn, 4630 Lindell Blvd., St. Louis, MO 63108, 314-361-4900; www.comfortinn.com/hotel-saint_louis-missouri-M0310. Rates are US\$89 per night for single and double occupancy. Please note that hotel tax is 15.2%. Amenities include free wireless high-speed Internet access, business center, free hot breakfast. This property is located approximately 3 miles from the campus. Cancellation and early check out policies vary; be sure to check when you make your reservation. Check in time is 3:00 p.m. and check out time is 11:00 a.m. **The deadline for reservations at this rate is September 17, 2013.**

Drury Inn & Suites, St. Louis Forest Park, 2111 Sulphur Avenue, St. Louis, MO, 63139, 314-646-0770; www.druryhotels.com/PropertyHotelServices.aspx?property=0136. Rates are US\$102 per night for single and double occupancy. Please note that there is an 8.491% hotel tax and 7.25% city tax. **Reference LTI Group Number: 2162009 for rate.** Amenities include indoor/outdoor pool, free breakfast, free wireless Internet, on-site parking, 24 hour fitness center. This property is located approximately 4.6 miles from the campus. Cancellation and early check out policies vary; be sure to check when you make your reservation. Check in time is 3:00 p.m. and check out time is 11:00 a.m. **The deadline for reservations at this rate is September 17, 2013.**

Pear Tree Inn-St. Louis Union Station, 2211 Market Street, St. Louis, MO 63103, 314-241-3200; www.druryhotels.com/propertyoverview.aspx?property=0064. Rates are US\$63 per night plus 15.741% tax. **Reference LTI Group Number: 2162024 for this rate.** Amenities include free hot breakfast, free Wi-Fi Internet access, and indoor pool. This property is located

approximately 7.7 miles from the campus. Cancellation and early check out policies vary; be sure to check when you make your reservation. Check in time is 3:00 p.m. and check out time is at 11:00 a.m. **The deadline for reservations at this rate is September 17, 2013.**

Drury Inn – St. Louis Union Station, 201 South 20th Street, St. Louis, MO 63103, 314-231-3900; www.druryhotels.com/propertyoverview.aspx?property=0057. Rates are US\$79 per night plus 15.96% tax. **Reference LTI Group Number: 2162025 for this rate.** Amenities include free hot breakfast, free Wi-Fi Internet access, and indoor pool. This property is located approximately 8.2 miles from the campus. Cancellation and early check out policies vary; be sure to check when you make your reservation. Check in time is 3:00 p.m. and check out time is 11:00 a.m. **The deadline for reservations at this rate is September 17, 2013.**

The Parkway Hotel, 4450 Forest Park Parkway, St. Louis, MO 63108, 314-256-7777; www.theparkwayhotel.com/about-us. Rates are US\$119 per night plus approximately US\$21 in tax. Amenities include free hot breakfast buffet, free Wi-Fi Internet access in the lobby, free shuttle service within a five-mile radius (ask front desk for hours). This property is located approximately 3.4 miles from the campus. Cancellation and early check out policies vary; be sure to check when you make your reservation. Check in time is at 4:00 p.m.; and check out time is at 12:00 p.m. **The deadline for reservations at this rate is September 17, 2013.**

Food Services

On Campus: The **Danforth University Center (DUC)** offers a **food court** featuring Asian, Mediterranean, Latin, vegan, vegetarian, and specialty grill selections. It also houses **Bergson Café**, which is a convenient stop for coffee, espresso, cappuccino, and cold drinks as well as pastries, salads, sandwiches, and smoothies. Another dining option in the DUC is **Ibby's**, a bistro offering a unique selection of menu items. Most options are open Friday and Sunday from 11:00 a.m.-7:30 p.m. and Saturday 11:00 a.m.-5:00 p.m.

Whispers Café in Olin Library provides an eclectic selection of sandwiches, salads, and pastries. Enjoy gourmet coffee while checking your email or surfing the Web in the café's wireless environment. Café hours are Friday and Saturday 9:00 a.m.-3:00 p.m. and Sunday 10:00 a.m.-12:00 p.m.

Off Campus: There are many choices for dining convenient to campus and hotels.

Blueberry Hill, 6504 Delmar, 314-727-4444. St. Louis landmark filled with pop culture memorabilia. Voted #1 hamburger and #1 décor. Open Monday through Sunday 11:00 a.m.-1:30 a.m.

Eclipse Restaurant, 5177 Delmar, 314-726-2222. Offering creative, cosmic twist of casual fine dining cuisine. Open daily 6:30 a.m.- 3:00 a.m.

Nico, 6525 Delmar, 314-222-2258. Mediterranean cuisine in the heart of The Loop. Open Friday-Saturday,

11:00 a.m.-11:00 p.m. and Sunday-Thursday, 11:00 a.m.-10:00 p.m.

Pi, 6144 Delmar, 314-727-6633. Offering San Francisco's original deep-dish, cornmeal crust pizza; appetizers & salads. The restaurant is open 11:00 a.m.-12:00 a.m. Monday-Saturday and 11:00 a.m.-11:00 p.m. on Sunday.

Tavolo V, 6118 Delmar, 314-721-4333. Offering Italian with a vegetarian twist. Hours are daily 11:30 a.m.-2:30 p.m. and 5:00 p.m.- 9:30 p.m.

Please visit <http://visittheLoop.com/wp/wp-content/uploads/2008/11/2012-Loop-business-directory.pdf>, for more casual and fine dining options in St. Louis.

Registration and Meeting Information

Registration and the AMS book exhibit will be located in Holmes Lounge. Special Sessions and all Invited Addresses will be held in Carver Hall and the Einstein Lecture will be held in Graham Memorial Chapel. Please refer to the campus map www.wustl.edu/community/visitors/maps/danforthmap.pdf for specific locations. The registration desk will be open on Friday, October 18, 3:30 p.m.-4:00 p.m. and Saturday, October 19, 7:30 a.m.-4:00 p.m. Fees are US\$54 for AMS members, US\$76 for nonmembers; and US\$5 for students, unemployed mathematicians, and emeritus members. Fees are payable on-site via cash, check, or credit card; advance registration is not available.

Other Activities

Book Sales: Stop by the on site AMS bookstore and review the newest titles from the AMS, enjoy up to 25% off all AMS publications, or take home an AMS t-shirt! Complimentary coffee will be served courtesy of AMS Membership Services.

AMS Editorial Activity: An acquisitions editor from the AMS book program will be present to speak with prospective authors. If you have a book project that you would like to discuss with the AMS, please stop by the book exhibit. **AMS Einstein Public Lecture in Mathematics:** The Einstein Public Lecture will be given by Jon Kleinberg, Cornell University on Saturday at 5:05 p.m. at Graham Memorial Chapel. The title of his talk is to be determined.

A reception hosted by the Department of Mathematics and the AMS will take place between 6:15 p.m. - 7:15 p.m. in Holmes Lounge. The AMS thanks our hosts for their gracious hospitality.

Local Information and Maps

This meeting will take place on the Danforth Campus of Washington University. A campus map for all of Washington University can be found at www.wustl.edu/community/visitors/maps/danforthmap.pdf. Information about the Department of Mathematics may be found at <http://wumath.wustl.edu/>. Please visit the Washington University website at <http://wustl.edu/> for additional information on the campus.

Parking

Visitors are encouraged to use the visitor parking meters located on campus or park in designated visitor parking lots. All visitor parking is indicated in purple on the Danforth Campus parking map found here: parking.wustl.edu/parkingmap_2010.pdf.

Visitor parking meters are located in a variety of locations on campus. The cost is US\$25 cents for 15 minutes (with a maximum of two hours). The enforcement schedule and time limits are indicated on each meter. Many of the parking meters on campus are double-sided, which means that one parking meter accepts coins and marks time for two separate parking spaces. If you are parking at one of these two-sided meters, please make certain that you select the appropriate space after inserting your coins. Visitor parking meters are designated as purple on the Campus Parking Map.

Hourly parking for visitors is conveniently located in the Danforth University Center Garage. The charge is US\$1.00 per hour, with a maximum charge of US\$8.00 for the day. Payment will be required upon exiting the garage; cash and credit cards are accepted. The Danforth University Center Garage is designated as number 82 on the Campus Parking Map.

Day passes: Visitors to campus may purchase daily parking permits, which allow for parking in most yellow zones. Daily parking permits are US\$5.00, and are available at the office of Parking Services or at the Campus Bookstore. Please note that Daily Permits are not valid in the Danforth University Center Garage. You can contact Parking Services at (314) 935-5601 for further information.

Weekend Parking: Visitors who will be parking on campus during weekends (from 6:00 p.m. Friday to 7:00 a.m. Monday) are permitted to park in yellow zones without displaying a parking permit (with the exception of the Danforth University Center Garage).

Travel

Washington University is located in St. Louis, Missouri. The Lambert St. Louis International Airport is located 11 miles north of Washington University.

By Car: From the Lambert St. Louis International Airport: Take I-70 east toward St. Louis. Merge onto I-170 south via exit 238B, Clayton. Merge onto Forest Park Parkway via exit 1E. Turn right onto Big Bend Blvd. Turn left onto Forsyth Blvd.

By Commuter Train: MetroLink, St. Louis' light rail commuter train system, has two stops on the Danforth Campus: Skinker station, located at the northeast corner of Skinker and Forest Park Parkway near One Brookings Drive, and University City-Big Bend station, located at the northwest corner of Big Bend and Forest Park Parkway near the Village. To reach these from Lambert St. Louis Airport: Board the light rail train headed toward the Forest Park-DeBaliviere station. Exit at Forest Park-DeBaliviere and board the next train headed for Shrewsbury. Take this train either one or two stops to Skinker station or University City-Big Bend station.

By Bus: MetroBuses also stop outside Malinckrodt Center on Forsyth. Please visit the Metro St. Louis website: www.metrostlouis.org/Default.aspx for the latest schedules and routes.

Car Rental: Hertz is the official car rental company for the meeting. To make a reservation accessing our special meeting rates online at www.hertz.com, click on the box "I have a discount", and type in our convention number (CV): 04N30003. You can also call Hertz directly at 800-654-2240 (U.S. and Canada) or 405-749-4434 (other countries). At the time this announcement was prepared, rates were US\$24.00 to US\$74.00 per day on the weekend. At the time of your reservation, the meeting rates will be automatically compared to other Hertz rates and you will be quoted the best comparable rate available.

Weather

The average high temperature for October is approximately 70 degrees Fahrenheit and the average low is approximately 50 degrees Fahrenheit. Visitors should be prepared for inclement weather and check weather forecasts in advance of their arrival.

Information for International Participants

Visa regulations are continually changing for travel to the United States. Visa applications may take from three to four months to process and require a personal interview, as well as specific personal information. International participants should view the important information about traveling to the U.S. found at sites.nationalacademies.org/pga/biso/visas/ and travel.state.gov/visa/visa_1750.html. If you need a preliminary conference invitation in order to secure a visa, please send your request to mk1@ams.org.

If you discover you do need a visa, the National Academies website (see above) provides these tips for successful visa applications:

* Visa applicants are expected to provide evidence that they are intending to return to their country of residence. Therefore, applicants should provide proof of "binding" or sufficient ties to their home country or permanent residence abroad. This may include documentation of the following:

- family ties in home country or country of legal permanent residence
- property ownership
- bank accounts
- employment contract or statement from employer stating that the position will continue when the employee returns;

* Visa applications are more likely to be successful if done in a visitor's home country than in a third country;

* Applicants should present their entire trip itinerary, including travel to any countries other than the United States, at the time of their visa application;

* Include a letter of invitation from the meeting organizer or the U.S. host, specifying the subject, location and dates of the activity, and how travel and local expenses will be covered;

* If travel plans will depend on early approval of the visa application, specify this at the time of the application;

* Provide proof of professional scientific and/or educational status (students should provide a university transcript).

This list is not to be considered complete. Please visit the websites above for the most up-to-date information.

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: September 10, 2013

The scientific information listed below may be dated. For the latest information, see www.ams.org/amsmtgs/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, *Title to be announced.*

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

Special Sessions

Algebraic Structures in Knot Theory (Code: SS 19A), **Allison Henrich**, Seattle University, and **Sam Nelson**, Claremont McKenna College.

Analysis and Geometry of Metric Spaces (Code: SS 12A), **Asuman G. Aksoy**, Claremont McKenna College, and **Zair Ibragimov**, California State University, Fullerton.

Categorification in Representation Theory (Code: SS 15A), **Aaron Lauda** and **David Rose**, University of Southern California.

Commutative Algebra and its Interaction with Algebraic Geometry and Combinatorics (Code: SS 10A), **Kuei-Nuan Lin** and **Paolo Mantero**, University of California, Riverside.

Computational Problems on Large Graphs and Applications (Code: SS 16A), **Kevin Costello** and **Laurent Thomas**, University of California, Riverside.

Computer, Mathematics, Imaging, Technology, Network, Health, Big Data, and Statistics (Code: SS 3A), **Subir Ghosh**, University of California, Riverside.

Developments in Markov Chain Theory and Methodology (Code: SS 2A), **Jason Fulman**, University of California, Riverside, and **Mark Huber**, Claremont McKenna College.

Diophantine Geometry and Nevanlinna Theory (Code: SS 14A), **Aaron Levin**, Michigan State University, **David McKinnon**, University of Waterloo, and **Paul Vojta**, University of California, Berkeley.

Dynamical Systems (Code: SS 13A), **Nicolai Haydn**, University of Southern California, and **Huyi Hu**, Michigan State University.

Fluids and Boundaries (Code: SS 5A), **James P. Kelliher**, **Juhi Jang**, and **Gung-Min Gie**, University of California, Riverside.

Fractal Geometry, Dynamical Systems, and Mathematical Physics (Code: SS 9A), **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 (Code: SS 11A), **Alfonso Castro**, Harvey Mudd College, **Michel L. Lapidus**, University of California, Riverside, and **Adolfo J. Rumbos**, Pomona College.

Geometric Analysis (Code: SS 4A), **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 (Code: SS 8A), **Wee Liang Gan** and **Jacob Greenstein**, University of California, Riverside.

Geometry of Algebraic Varieties (Code: SS 6A), **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 (Code: SS 17A), **Lenny Fukshansky**, Claremont McKenna College, and **David Krumm**, University of Georgia and Claremont McKenna College.

Homotopy Theory and K-Theory (Code: SS 7A), **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) (Code: SS 18A), **Nishu Lal**, Pomona College and Pitzer College, and **Ami Radunskaya**, Pomona College.

The Mathematics of Planet Earth (Code: SS 1A), **John Baez**, University of California, Riverside.

Session for Contributed Talks

There also will be a session for 10-minute contributed talks. Please see the abstracts submission form at <http://www.ams.org/cgi-bin/abstracts/abstract.pl>. The deadline for all submissions is September 10, 2013.

Accommodations

Participants should make their own arrangements directly with the hotel of their choice. Special discounted rates

were negotiated with the hotels listed below. Rates quoted do not include hotel tax. Participants must state that they are with the **American Mathematical Society (AMS) Meeting at the University of California, Riverside** to receive the discounted rate. The AMS is not responsible for rate changes or for the quality of the accommodations. **Hotels have varying cancellation and early checkout penalties; be sure to ask for details.**

The Mission Inn Hotel and Spa, 3649 Mission Inn Avenue, Riverside, CA 92501, 951-784-0300; www.missioninn.com/. Rates are US\$135 per night for single/double occupancy. Please note the occupancy tax is 11%. Amenities include heated pool area featuring a hot tub spa and poolside menu, modern fitness center, complimentary Wi-Fi in lobby, and 6 award-winning dining options. The hotel is located approximately 2.6 miles from the campus. Check in time is 3:00 p.m. and check out time is 12:00 p.m. **The deadline for reservations at this rate is October 2, 2013.**

Hyatt Place Riverside Downtown, 3500 Market Street, Riverside, California, 92501, 951-321-3500; riversidedowntown.place.hyatt.com/en/hotel/home.html. Rates are US\$109 per night for singles/doubles. Please note that hotel tax is 13%. Amenities include complimentary wireless access, a hot breakfast buffet, 24-hour fitness, and complimentary computers and printers. This property is located within 2 miles of campus. Check in time is 3:00 p.m. and check out time is 12:00 p.m. **The deadline for reservations at this rate is October 11, 2013.**

Courtyard by Marriott, 1510 University Avenue Riverside, California 92507, 314-863-0400; www.marriott.com/hotels/travel/ralcy-courtyard-riverside-downtown-ucr-area/. Rates are US\$102 per night for single/double occupancy. Please note that hotel tax is 7.25% occupancy tax and 7.33% sales tax. Amenities include complimentary breakfast buffet, lobby and in-room high-speed Internet, and overnight self parking. This property is located less than a mile from campus. Check in time is 3:00 p.m. and check out time is 12:00 p.m. **The deadline for reservations at this rate is October 27, 2013.**

Riverside Marriott, 3400 Market Street, Riverside, California 92501, 951-784-8000; www.marriott.com/hotels/travel/ralmc-riverside-marriott/. Rates are US\$105 per night for single and double occupancy. Please note that hotel tax is 15.2%. Amenities include breakfast for one, in-room Internet access, free self-parking, shuttle service to/from campus with 24-hour reservation. This property is located approximately 2.3 miles from the campus. Check in time is 3:00 p.m. and check out time is 12:00 p.m. **The deadline for reservations at this rate is October 2, 2013.**

Food Services

On Campus: The University Village is across the street from campus and offers a wide variety of dining options including **At Thai, Boba Cafe, Denny's, Fatburger, Frice Seafood, Oven 450, Ray's Pizza**. Hours are generally 11:00 a.m.-10:00 p.m., but vary by establishment.

Coco's Bakery Restaurant is located at 1303 University Ave., and is open Friday-Saturday 6:30 a.m.-12:00 p.m. and Sunday 6:30 a.m.-11:00 p.m.

Getaway Cafe is located at 3615 Canyon Crest Drive and is open 10:00 a.m.-12:00 a.m. Monday-Sunday.

The Sub Station is located at 3663 Canyon Crest Drive and is open 8:00 a.m.-7:45 p.m. on Saturday and 11:00 a.m.-6:00 p.m. on Sunday.

Off Campus: There are many choices for dining convenient to campus and hotels.

Anchos Southwest Grill, 10773 Hole Avenue, Riverside, 951-352-0240. Decorated as a pueblo-styled village, Anchos serves some of the best Southwestern influenced food. Open Friday-Saturday 11:30 a.m.-10:00 p.m. and Sunday-Thursday 11:30 a.m.-9:00 p.m.

Angel's Thai Restaurant, 6739 Brockton Avenue, Riverside; 951-788-1995. This small family-owned restaurant features delicious Thai cuisine with a menu which reflects both traditional and original Thai dishes. Open daily 11:30 a.m.-9:00 p.m.

Cask'n Cleaver Steakhouse, 1333 University Avenue, Riverside; 951-682-4580. For 45 years, Cask'n Cleaver steakhouses have provided us with great classic steak and seafood entrees in a relaxing "California Casual" ambiance. Open for lunch Monday-Friday 11:30 a.m.-2:00 p.m. and dinner Friday-Saturday 5:00 p.m.-10:00 p.m. and Sunday 4:00 p.m.-9:00 p.m.

Market Broiler, 3525 Merrill Ave, Riverside; 951-276-9007. Market Broiler continues to be Riverside's #1 restaurant for fresh fish and seafood since their opening 22 years ago. The restaurant is open daily 11:00 a.m.-10:00 p.m.

Salted Pig, 3700 12th Street, Riverside; 951-848-4020. A hip and trendy casual dining restaurant located in downtown Riverside is a cross between a pub, fine brasserie, and fine dining restaurant utilizing locally-grown and sustainable ingredients. Hours are Monday-Wednesday 11:00 a.m.-12:00 a.m., Thursday-Friday 11:00 a.m.-2:00 a.m., and Saturday, 5:00 p.m.-2:00 a.m. Closed Sunday.

Please visit www.explorerriverside.com/wheretodine.asp, for more casual and fine dining options in Riverside.

Registration and Meeting Information

Registration will be located in Room 277 and the AMS book exhibit will be located in Room 284 of the Surge Building. Special Sessions and Invited Address locations to be determined. Please refer to the campus map campusmap.ucr.edu/imap/index.html for specific locations. The registration desk will be open on Saturday, November 2, 7:30 a.m.-4:00 p.m. and Sunday, November 3, 8:00 a.m.-12:00 p.m. Fees are US\$54 for AMS members, US\$76 for nonmembers; and US\$5 for students, unemployed mathematicians, and emeritus members. Fees are payable on-site via cash, check, or credit card; advance registration is not available.

Other Activities

Book Sales: Stop by the on-site AMS bookstore and review the newest titles from the AMS, enjoy up to 25% off all

AMS publications, or take home an AMS t-shirt! Complimentary coffee will be served courtesy of AMS Membership Services.

AMS Editorial Activity: An acquisitions editor from the AMS book program will be present to speak with prospective authors. If you have a book project that you would like to discuss with the AMS, please stop by the book exhibit.

Local Information and Maps

This meeting will take place on the Riverside campus of the University of California, Riverside. A campus map for all of the university can be found at campusmap.ucr.edu/imap/index.html. Information about the Department of Mathematics may be found at mathdept.ucr.edu/. Please visit the University of California, Riverside website at www.ucr.edu/ for additional information on the campus.

Parking

Visitors are encouraged to use Lot 24 for daily parking. All parking on campus requires a permit. Time limits are strictly enforced 24/7.

For short-term parking options you will find both Pay-By-Space and Pay & Display permit dispensers located in designated parking lots throughout the campus. Time limits vary depending on the lot and are clearly posted at each pay station.

Attendants at the main Campus Kiosk, located at the University Avenue entrance on W. Campus Drive, are available to assist and direct you to a parking lot best suited for your campus visit.

Pay & Display dispenser permit options vary by location and are only valid in non-reserved spaces of the parking lot where they are purchased. Options are clearly posted at the Pay & Display dispensers. Read through your options prior to purchasing your permit. Permits must be displayed in your vehicle and clearly visible to lot enforcement officials.

Parking Lot 24-Blue Permit Lot offers parking all day on weekends for US\$1.00 per hour or US\$5.00 for a daily permit.

Unless otherwise noted, Pay-By-Space and Pay & Display dispensers only accept Visa or MasterCard as payment.

You can purchase your permit ahead of time here: ebusiness.parking.ucr.edu/ebusiness/cmn/index.aspx.

A map of the parking lot options is located here: parking.ucr.edu/docs/parking_lot_map_web_version.pdf

Travel

University of California, Riverside's main campus is in Riverside in the geographical center of Inland Southern California. Located near the junction of the 91, 215, and 60 freeways, University of California, Riverside is approximately 50 miles east of Los Angeles and 100 miles north of San Diego. The address for the campus is 900 University Ave., Riverside, CA 92521, phone: 951-827-1012.

There are two major airports near Riverside: Los Angeles International Airport (LAX) and Ontario International

Airport (ONT). Below you'll find approximate travel times to UC Riverside. Please note that these are estimates. To ensure proper arrival for check-in, please factor in time for traffic and construction.

Los Angeles International Airport to UCR: approx. 1 hour and 15 minutes, 70.70 miles.

Ontario International Airport to UCR: approx. 30 minutes, 19.65 miles.

By Car:

From Ontario Airport:

From the 10 Freeway: Take the I-10 east, to the I-15 south and then to the CA-60 east. Exit at University Avenue and turn left. At the second light, take a right onto West Campus Drive.

From the 60 Freeway: Take the CA-60 east. Exit at University Avenue and turn left. At the second light, take a right onto West Campus Drive.

From Los Angeles County:

From the 91 Freeway: Take CA-91 east to the CA-60 east. Exit at University Avenue and turn left. At the second light, take a right onto West Campus Drive.

From the 10 Freeway: Take the I-10 east to the I-15 south and then to CA-60 east. Exit at University Avenue and turn left. At the second light, take a right onto West Campus Drive.

From the 60 Freeway: Take the CA-60 east. Exit at University Avenue and turn left. At the second light, take a right onto West Campus Drive.

By Shuttle: If you plan on taking a shuttle or taxi to UC Riverside, be sure to make arrangements prior to your arrival at the airport.

Prime Time Shuttle (800-RED-VANS) offers a rate of US\$31/person one-way and US\$10/each additional person from Ontario International Airport.

Super Shuttle (800-BLUE-VAN) offers a rate of US\$35/person one-way and US\$9/each additional person from Ontario International Airport. All reservations must be made 24 hours in advance and pre-paid with a credit card.

By Taxi: Happy Taxi (951-781-8294) offers rides in the Riverside area. Call for more information regarding your departure point and fees.

AAA Yellow Cab (951-684-2100) offers rides in the Riverside area. Call for more information regarding your departure point and fees.

San Gabriel Transit (1800-340-TAXI). All passengers ride for the price of one. Reservations over the Internet require 2-hour notice. This service also includes Bell Cab Co. and Yellow Cab.

By Bus: Riverside Transit Agency (800-800-7821) offers rides to the UCR campus from various locations for US\$1.25 per route.

Car Rental: Hertz is the official car rental company for the meeting. To make a reservation accessing our special meeting rates online at www.hertz.com, click on the box "I have a discount", and type in our convention number (CV): 04N30003. You can also call Hertz directly at 800-654-2240 (U.S. and Canada) or 405-749-4434 (other

countries). At the time this announcement was prepared, rates were US\$24.00 to US\$74.00 per day on the weekend. At the time of your reservation, the meeting rates will be automatically compared to other Hertz rates and you will be quoted the best comparable rate available.

Weather

The average high temperature for November is approximately 76 degrees Fahrenheit and the average low is approximately 48 degrees Fahrenheit. Visitors should be prepared for inclement weather and check weather forecasts in advance of their arrival.

Information for International Participants

Visa regulations are continually changing for travel to the United States. Visa applications may take from three to four months to process and require a personal interview, as well as specific personal information. International participants should view the important information about traveling to the U.S. found at sites.nationalacademies.org/pg/biso/visas/ and travel.state.gov/visa/visa_1750.html. If you need a preliminary conference invitation in order to secure a visa, please send your request to mkl@ams.org.

If you discover you do need a visa, the National Academies website (see above) provides these tips for successful visa applications:

* Visa applicants are expected to provide evidence that they are intending to return to their country of residence. Therefore, applicants should provide proof of "binding" or sufficient ties to their home country or permanent residence abroad. This may include documentation of the following:

- family ties in home country or country of legal permanent residence
- property ownership
- bank accounts
- employment contract or statement from employer stating that the position will continue when the employee returns;

* Visa applications are more likely to be successful if done in a visitor's home country than in a third country;

* Applicants should present their entire trip itinerary, including travel to any countries other than the United States, at the time of their visa application;

* Include a letter of invitation from the meeting organizer or the U.S. host, specifying the subject, location and dates of the activity, and how travel and local expenses will be covered;

* If travel plans will depend on early approval of the visa application, specify this at the time of the application;

* Provide proof of professional scientific and/or educational status (students should provide a university transcript).

This list is not to be considered complete. Please visit the websites above for the most up-to-date information.

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: September 17, 2013

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

Joint Invited Addresses

Benson Farb, University of Chicago, *Title to be announced* (AMS-MAA).

Eitan Grinspun, Columbia University, *Title to be announced* (MAA-AMS-SIAM Gerald and Judith Porter Public Lecture).

Carl Pomerance, Dartmouth College, *Title to be announced* (AMS-MAA).

AMS Invited Addresses

Andrew Blake, Microsoft Research Cambridge, *Title to be announced* (AMS Josiah Willard Gibbs Lecture).

Emmanuel Candès, Stanford University, *Title to be announced*.

Christopher Hacon, University of Utah, *Title to be announced*.

Dusa McDuff, Columbia University, *Title to be announced* (AMS Colloquium Lectures).

Paul Seidel, Massachusetts Institute of Technology, *Title to be announced*.

H.-T. Yau, Harvard University, *Title to be announced*.

AMS Special Sessions

Some sessions are cosponsored with other organizations. These are noted within the parenthesis at the end of each listing, where applicable.

Accelerated Advances in Higher Order Invexities/Univexities with Applications to Optimization and Mathematical Programming (Code: SS 8A), **Ram U. Verma**, International Publications USA, and **Alexander J. Zaslavski**, Technion-Israel Institute of Technology.

Advances in Analysis and PDEs (Code: SS 49A), **Tepper L. Gill** and **Daniel A. Williams**, Howard University.

Algebraic Geometry (Code: SS 50A), **Christopher Hacon**, University of Utah, and **Zsolt Patakfalvi**, Princeton University.

Algebraic Structures Motivated by Knot Theory (Code: SS 17A), **Mieczysław K. Dabkowski**, University of Texas at Dallas, **Jozef Przytycki**, George Washington University, and **Radmila Szadranovic**, University of Pennsylvania.

Algebraic and Analytic Aspects of Integrable Systems and Painlevé Equations (Code: SS 32A), **Anton Dzhamay**, University of Northern Colorado, **Kenichi Maruno**, University of Texas-Pan America, and **Christopher Ormerod**, California Institute of Technology.

Analytic Number Theory (Code: SS 23A), **Angel Kumchev**, Towson University, **Scott Parsell**, West Chester University, and **Gang Yu**, Kent State University.

Applied Harmonic Analysis: Large Data Sets, Signal Processing, and Inverse Problems (Code: SS 12A), **Mauro Maggioni**, Duke University, and **Naoki Saito** and **Thomas Strohmer**, University of California, Davis.

Banach Spaces, Metric Embeddings, and Applications (Code: SS 16A), **Mikhail Ostrovskii**, St. John's University, and **Beata Randrianantoanina**, Miami University.

Big Data: Mathematical and Statistical Modeling, Tools, Services, and Training (Code: SS 18A), **Ivo Dinov**, University of California Los Angeles.

Categorical Topology (Code: SS 42A), **Frédéric Mynard**, Georgia Southern University, and **Gavin Seal**, École Polytechnique Fédérale de Lausanne.

Classification Problems in Operator Algebras (Code: SS 38A), **Ionut Chifan**, University of Iowa, and **David Penneys**, University of Toronto.

Communication of Mathematics via Interactive Activities (Code: SS 47A), **Benjamin Levitt** and **Glen Whitney**, National Museum of Mathematics.

Computability in Geometry and Topology (Code: SS 39A), **Mieczysław Dabkowski**, University of Texas at Dallas, and **Rumen D. Dimitrov**, Western Illinois University.

De Bruijn Sequences and Their Generalizations (Code: SS 53A), **Abbas Alhakim**, American University of Beirut, and **Steven Butler**, Iowa State University.

Deformations Spaces of Geometric Structures on Low-dimensional Manifolds (Code: SS 40A), **Caleb Ashley**, Howard University, **Michelle Lee** and **Melissa Macasieb**, University of Maryland, and **Andy Sanders**, University of Illinois at Chicago.

Difference Equations and Applications (Code: SS 9A), **Michael A. Radin**, Rochester Institute of Technology.

Dispersive and Geometric Partial Differential Equations (Code: SS 1A), **Shuanglin Shao**, University of Kansas, **Chongchun Zeng**, Georgia Institute of Technology, and **Shijun Zheng**, Georgia Southern University.

Ergodic Theory and Symbolic Dynamics (Code: SS 31A), **Aimee Johnson**, Swarthmore College, and **Cesar Silva**, Williams College.

Fractal Geometry: Mathematics of Fractals and Related Topics (Code: SS 11A), **Michel Lapidus**, University of California Riverside, **Erin Pearse**, California State Polytechnic University, San Luis Obispo, **Robert Strichartz**, Cornell University, and **Machiel Van Frankenhuijsen**, Utah Valley University.

Fractional, Stochastic, and Hybrid Dynamic Systems with Applications (Code: SS 7A), **John Graef**, University of Tennessee at Chattanooga, **Gangaram S. Ladde**, University of South Florida, and **Aghalaya S. Vatsala**, University of Louisiana at Lafayette.

Geometric Applications of Algebraic Combinatorics (Code: SS 48A), **Elizabeth Beazley**, Haverford College, and **Kristina Garrett**, St. Olaf College (AMS-AWM).

Global Dynamics and Bifurcations of Difference Equations (Code: SS 37A), **Mustafa Kulenovic** and **Orlando Merino**, University of Rhode Island.

Heavy Tailed Probability Distributions and Their Applications (Code: SS 22A), **Tuncay Alparslan** and **John P. Nolan**, American University.

Highlighting Achievements and Contributions of Mathematicians of the African Diaspora (Code: SS 34A), **Asamoah Nkwanta**, Morgan State University, and **Talitha M. Washington**, Howard University.

History of Mathematics (Code: SS 29A), **Sloan Despeaux**, Western Carolina University, **Della Dumbaugh**, University of Richmond, and **Glen van Brummelen**, Quest University.

Homological and Characteristic p Methods in Commutative Algebra (Code: SS 4A), **Neil Epstein**, George Mason University, **Sean Sather-Wagstaff**, North Dakota State University, and **Karl Schwede**, Penn State University.

Homotopy Theory (Code: SS 20A), **Niles Johnson**, Ohio State University at Newark, **Mark W. Johnson**, Penn State University, Altoona, **Nitu Kitchloo**, Johns Hopkins University, **James Turner**, Calvin College, and **Donald Yau**, Ohio State University at Newark.

Hyperplane Arrangements and Applications (Code: SS 41A), **Takuro Abe**, Kyoto University, **Max Wakefield**, United States Naval Academy, and **Masahiko Yoshinaga**, Hokkaido University.

Logic and Probability (Code: SS 2A), **Wesley Calvert**, Southern Illinois University, **Doug Censer**, University of Florida, **Johanna Franklin**, University of Connecticut, and **Valentina Harizanov**, George Washington University (AMS-ASL).

Mathematics and Mathematics Education in Fiber Arts (Code: SS 14A), **Sarah-Marie Belcastro**, Smith College, and **Carolyn Yackel**, Mercer University.

Mathematics in Natural Resource Modeling (Code: SS 43A), **Shandelle Henson**, Andrews University, and **Catherine Roberts**, College of the Holy Cross.

Mathematics of Computation: Differential Equations, Linear Algebra, and Applications (Code: SS 30A), **Susanne C. Brenner**, Louisiana State University, and **Chi-Wang Shu**, Brown University (AMS-SIAM).

My Favorite Graph Theory Conjectures (Code: SS 35A), **Craig Larson**, Virginia Commonwealth University, and **Raluca Gera**, Naval Postgraduate School.

Nineteenth Century Algebra and Analysis (Code: SS 10A), **Frank D. Grosshans**, West Chester University, **Karen H. Parshall**, University of Virginia, and **Paul R. Wolfson**, West Chester University.

Nonlinear Systems: Polynomial Equations, Nonlinear PDEs, and Applications (Code: SS 27A), **Wenrui Hao**, University of Notre Dame.

Outreach for Mathematically Talented Youth (Code: SS 45A), **Christina Eubanks-Turner**, University of Louisiana at Lafayette, **Virginia Watson**, Kennesaw State University, and **Daniel Zaharopol**, Art of Problem Solving Foundation.

Progress in Free Probability (Code: SS 26A), **Dmitry Kaliuzhnyi-Verbovetskyi**, Drexel University, and **Todd Kemp**, University of California San Diego.

Quantum Walks, Quantum Computation, and Related Topics (Code: SS 6A), **Chaobin Liu**, Bowie State University, **Takuya Machida**, University of Tokyo, **Nelson Petulante**, Bowie State University, and **Salvador E. Venegas-Andraca**, Tecnológico de Monterrey, Campus Estado de México.

Random Matrices: Theory and Applications (Code: SS 13A), **Paul Bourgade** and **Hornng-Tzer Yau**, Harvard University.

Reaction Diffusion Equations and Applications (Code: SS 44A), **Jerome Goddard II**, Auburn University Montgomery, and **Ratnasingham Shivaji**, University of North Carolina Greensboro.

Recent Advances in Homogenization and Model Reduction Methods for Multiscale Phenomena (Code: SS 21A), **Silvia Jiménez Bolaños** and **Burt S. Tilley**, Worcester Polytechnic Institute.

Recent Progress in Geometric and Complex Analysis (Code: SS 3A), **Zheng Huang**, City University of New York, Graduate Center and College of Staten Island, **Longzhi Lin**, Rutgers University, and **Marcello Lucia**, City University of New York, Graduate Center & College of Staten Island.

Recent Progress in Multivariable Operator Theory (Code: SS 46A), **Ron Douglas**, Texas A&M University, and **Michael Jury**, University of Florida.

Recent Progress in the Langlands Program (Code: SS 15A), **Moshe Adrian**, University of Utah, and **Shuichiro Takeda**, University of Missouri.

Representation Theory of p -adic Groups and Automorphic Forms (Code: SS 28A), **Arsalan Chademan**, University of Kurdistan, and **Manouchehr Misaghian**, Prairie View A&M University.

Research in Mathematics by Undergraduates and Students in Post-Baccalaureate Programs (Code: SS 25A), **Bernard Brooks** and **Jobby Jacobs**, Rochester Institute of Technology, **Jacqueline Jensen-Vallin**, Slippery Rock University, and **Carl Lutzer**, **Darran Narayan**, and **Tamas Wiandt**, Rochester Institute of Technology.

Set-Valued Optimization and Variational Problems with Applications (Code: SS 24A), **Akhtar Khan**, Rochester Institute of Technology, **Mau Nam Nguyen**, Portland State University, **Miguel Sama**, Universidad Nacional de Educación a Distancia, and **Christiane Tammer**, Martin Luther University of Halle-Wittenberg.

Structural and Extremal Problems (Code: SS 19A), **Daniel Cranston**, Virginia Commonwealth University, and **Gexin Yu**, College of William & Mary.

Symplectic and Contact Structures on Manifolds with Special Holonomy (Code: SS 51A), **Sergey Grigorian**, University of Texas Pan American, **Sema Salur**, University of Rochester, and **Albert J. Todd**, University of California Riverside.

The Changing Education of Pre-service Teachers in Light of the Common Core (Code: SS 52A), **William McCallum**, University of Arizona, **Kristin Umland**, University of New Mexico, and **Ellen Whitesides**, University of Arizona.

The Ubiquity of Dynamical Systems (Code: SS 33A), **Edray H. Goins**, Purdue University, and **Talitha M. Washington**, Howard University.

Topological Graph Theory: Structure and Symmetry (Code: SS 5A), **Jonathan L. Gross**, Columbia University, and **Thomas W. Tucker**, Colgate University.

Trends in Graph Theory (Code: SS 36A), **Raluca Gera**, Naval Postgraduate School.

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: August 21, 2013

For abstracts: January 28, 2014

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

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.

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.

Randomized Numerical Linear Algebra (Code: SS 4A), **Ilse Ipsen**, North Carolina State 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: August 29, 2013

For abstracts: January 28, 2014

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

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: September 5, 2013

For abstracts: February 11, 2014

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

Invited Addresses

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

Fan Chung Graham, University of California, San Diego, *To be announced.*

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

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

Special Sessions

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

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

Stochastics and PDEs (Code: SS 5A), **Juraj Foldes**, 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 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.

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: September 18, 2013

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 at Austin, *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

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

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.

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.

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.

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: Not applicable

Program issue of electronic *Notices*: Not applicable

Issue of *Abstracts*: Not applicable

Deadlines

For organizers: Expired

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: August 5, 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.*

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.*

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, *To be announced.*

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

Julia Pevtsova, University of Washington, Seattle, *To be announced.*

Burt Totaro, University of British Columbia, Vancouver, Canada, *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

San Antonio, Texas

Henry B. Gonzalez Convention Center and Grand Hyatt San Antonio

January 10–13, 2015

Saturday – Tuesday
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 20–22, 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 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

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

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 M. 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