
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.

Boston, Massachusetts

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

January 4–7, 2012

Wednesday – Saturday

Meeting #1077

Joint Mathematics Meetings, including the 118th Annual Meeting of the AMS, 95th Annual Meeting of the Mathematical Association of America, annual meetings of the Association for Women in Mathematics (AWM) and the National Association of Mathematicians (NAM), and the winter meeting of the Association for Symbolic Logic (ASL), with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: October 2011

Program first available on AMS website: November 1, 2011

Program issue of electronic *Notices*: January 2012

Issue of *Abstracts*: Volume 33, Issue 1

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions: Expired

For abstracts: Expired

Honolulu, Hawaii

University of Hawaii at Manoa

March 3–4, 2012

Saturday – Sunday

Meeting #1078

Western Section

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: December 2011

Program first available on AMS website: January 26, 2012

Program issue of electronic *Notices*: March 2012

Issue of *Abstracts*: Volume 33, Issue 2

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions: 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

Zhiqin Lu, University of California Irvine, *Geometry of Calabi-Yau moduli*.

Peter Schroder, California Institute of Technology, *Title to be announced*.

Pham Tiep, University of Arizona, Tucson, *Representations of finite groups: Conjectures, reductions, and applications*.

Lauren Williams, University of California Berkeley, *Title to be announced*.

Special Sessions

Algebraic Combinatorics, **Federico Ardila**, San Francisco State University, **Sara Billey**, University of Washington, and **Kelli Talaska** and **Lauren Williams**, University of California Berkeley.

Algebraic Geometry: Singularities and Moduli, **Jim Bryan**, University of British Columbia, and **Jonathan Wise**, Stanford University.

Algebraic Number Theory, Diophantine Equations and Related Topics, **Claude Levesque**, Université de Laval, Quebec, Canada.

Applications of Nonstandard Analysis, **Tom Lindstrom**, University of Oslo, Norway, **Peter Loeb**, University of Illinois at Urbana-Champaign, and **David Ross**, University of Hawaii at Honolulu.

Arithmetic Geometry, **Xander Faber**, **Michelle Manes**, and **Gretel Sia**, University of Hawaii.

Asymptotic Group Theory, **Tara Davis**, Hawaii Pacific University, **Erik Guentner**, University of Hawaii, and **Michael Hull** and **Mark Sapir**, Vanderbilt University.

Automorphic and Modular Forms, **Pavel Guerzhoy**, University of Hawaii, and **Zachary A. Kent**, Emory University.

C-algebras and Index Theory*, **Erik Guentner**, University of Hawaii at Manoa, **Efren Ruiz**, University of Hawaii at Hilo, and **Erik Van Erp** and **Rufus Willett**, University of Hawaii at Manoa.

Computability and Complexity, **Cameron E. Freer**, Massachusetts Institute of Technology, and **Bjorn Kjos-Hanssen**, University of Hawaii at Manoa.

Geometry and Analysis on Fractal Spaces, **Michel Lapidus**, University of California, Riverside, **Hung Lu**, Hawaii Pacific University, **John A. Rock**, California State Polytechnic University, Pomona, and **Machiel van Frankenhuijsen**, Utah Valley University.

Holomorphic Spaces, **Hyungwoon Koo**, Korea University, and **Wayne Smith**, University of Hawaii.

Kaehler Geometry and Its Applications, **Zhiqin Lu**, University of California Irvine, **Jeff Streets**, Princeton University, **Li-Sheng Tseng**, Harvard University, and **Ben Weinkove**, University of California San Diego.

Kernel Methods for Applications on the Sphere and Other Manifolds, **Thomas Hangelbroek**, University of Hawaii at Manoa.

Knotting in Linear and Ring Polymer Models, **Tetsuo Deguchi**, Ochanomizu University, **Kenneth Millett**, University of California, Santa Barbara, **Eric Rawdon**, University of St. Thomas, and **Mariel Vazquez**, San Francisco State University.

Linear and Permutation Representations, **Robert Guralnick**, University of Southern California, and **Pham Huu Tiep**, University of Arizona.

Mathematical Coding Theory and its Industrial Applications, **J. B. Nation**, University of Hawaii, and **Manabu Hagiwara**, National Institute of Advanced Industrial Science and Technology, Japan.

Mathematical Teacher Preparation, **Diane Barrett** and **Roberto Pelayo**, University of Hawaii at Hilo.

Model Theory, **Isaac Goldbring**, University of California Los Angeles, and **Alice Medvedev**, University of California Berkeley.

New Techniques and Results in Integrable and Near-Integrable Nonlinear Waves, **Jeffrey DiFranco**, Seattle University, and **Peter Miller**, University of Michigan.

Noncommutative Algebra and Geometry, **Jason Bell**, Simon Fraser University, and **James Zhang**, University of Washington.

Nonlinear Partial Differential Equations at the Common Interface of Waves and Fluids, **Ioan Bejenaru** and **Vlad Vicol**, University of Chicago.

Nonlinear Partial Differential Equations of Fluid and Gas Dynamics, **Elaine Cozzi**, Oregon State University, and **Juhi Jang** and **Jim Kelliher**, University of California Riverside.

Singularities, Stratifications and Their Applications, **Terence Gaffney**, Northeastern University, **David Trotman**, Université de Provence, and **Leslie Charles Wilson**, University of Hawaii at Manoa.

Transformation Groups in Topology, **Karl Heinz Dovermann**, University of Hawaii at Manoa, and **Daniel Ramras**, New Mexico State University.

Universal Algebra and Lattice Theory, **Ralph Freese**, **William Lampe**, and **J. B. Nation**, University of Hawaii.

Tampa, Florida

University of South Florida

March 10–11, 2012

Saturday – Sunday

Meeting #1079

Southeastern Section

Associate secretary: Matthew Miller

Announcement issue of *Notices*: January 2012

Program first available on AMS website: February 2, 2012

Program issue of electronic *Notices*: March 2012

Issue of *Abstracts*: Volume 33, Issue 2

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions: Expired

For abstracts: January 18, 2012

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

Invited Addresses

Anne Condon, University of British Columbia, *Some why's and how's of programming DNA molecules.*

Mark Ellingham, Vanderbilt University, *Beyond the Map Color Theorem.*

Mauro Maggioni, Duke University, *Digital data sets: Geometry, random walks, multiscale analysis, and applications.*

Weiqiang Wang, University of Virginia, *What is super in representation theory of Lie superalgebras?*

Special Sessions

Algebraic and Combinatorial Structures in Knot Theory (Code: SS 2A), **J. Scott Carter**, University of South Alabama, and **Mohamed Elhamdadi** and **Masahico Saito**, University of South Florida.

Analysis in Metric Spaces (Code: SS 3A), **Thomas Bieske**, University of South Florida, and **Jason Gong**, University of Pittsburgh.

Applications of Complex Analysis in Mathematical Physics (Code: SS 9A), **Razvan Teodorescu**, University of South Florida, **Mihai Putinar**, University of California, Santa Barbara, and **Pavel Bleher**, Indiana University-Purdue University Indianapolis.

Asymptotic Properties of Groups (Code: SS 20A), **Alexander Dranishnikov**, University of Florida, and **Mark Sapir**, Vanderbilt University.

Combinatorics: Algebraic and Geometric (Code: SS 23A), **Drew Armstrong**, University of Miami, and **Benjamin Braun**, University of Kentucky.

Complex Analysis and Operator Theory (Code: SS 8A), **Sherwin Koučekian**, University of South Florida, and **William Ross**, University of Richmond.

Computational Algebraic Geometry and Applications (Code: SS 25A), **Tony Shaska**, Oakland University, and **Artur Elezi**, American University.

Dirac Analysis (Code: SS 18A), **Craig Nolder**, Florida State University, and **John Ryan**, University of Arkansas.

Discrete Mathematics and Geometry (Code: SS 17A), **Eunjeong Yi** and **Cong X. Kang**, Texas A&M University Galveston.

Discrete Models in Molecular Biology (Code: SS 1A), **Alessandra Carbone**, Université Pierre et Marie Curie and Laboratory of Microorganisms Genomics, **Natasha Jonoska**, University of South Florida, and **Reidun Twarock**, University of York.

Extremal Combinatorics (Code: SS 13A), **Linyuan Yu**, University of South Carolina, and **Yi Zhao**, Georgia State University.

Finite Fields and Their Applications (Code: SS 15A), **Xiang-dong Hou**, University of South Florida, and **Gary Mullen**, Pennsylvania State University.

Graph Theory (Code: SS 14A), **Mark Ellingham**, Vanderbilt University, and **Xiaoya Zha**, Middle Tennessee State University.

Hopf Algebras and Galois Module Theory (Code: SS 7A), **James Carter**, College of Charleston, and **Robert Underwood**, Auburn University Montgomery.

Interaction between Algebraic Combinatorics and Representation Theory (Code: SS 4A), **Mahir Can**, Tulane University, and **Weiqiang Wang**, University of Virginia.

Inverse Problems in Partial Differential Equations (Code: SS 24A), **Xiaosheng Li**, Florida International University, and **Alexandru Tamásan**, University of Central Florida.

Low-Dimensional Topology (Code: SS 22A), **Peter Horn**, Columbia University, and **Constance Leidy**, Wesleyan University.

Modeling Crystalline and Quasi-Crystalline Materials (Code: SS 5A), **Mile Krajcevski** and **Gregory McColm**, University of South Florida.

Nonlinear Partial Differential Equations and Applications (Code: SS 19A), **Netra Khanal**, University of Tampa.

Recent Developments of Finite Element Methods for Partial Differential Equations (Code: SS 21A), **Bo Dong**, Drexel University, and **Wei Wang**, Florida International University.

Representations of Algebraic Groups and Related Structures (Code: SS 12A), **Joerg Feldvoss** and **Cornelius Pillen**, University of South Alabama.

Solvability and Integrability of Nonlinear Evolution Equations (Code: SS 6A), **Wen-Xiu Ma**, University of South Florida, and **Ahmet Yildirim**, Ege University and University of South Florida.

Spectral Theory (Code: SS 11A), **Anna Skripka** and **Maxim Zinchenko**, University of Central Florida.

Stochastic Analysis and Applications (Code: SS 16A), **Sivapragasam Sathananthan**, Tennessee State University, and **Gangaram Ladde**, University of South Florida.

Stochastic Partial Differential Equations and Random Global Dynamics (Code: SS 10A), **Yuncheng You**, University of South Florida, and **Shanjian Tang**, Fudan 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.p1>. The deadline for all submissions is January 18, 2012.

Accommodations

Participants should make their own arrangements directly with the properties listed below. Special rates for the meeting have been negotiated and are available at the properties shown below for the period of March 9–11, 2012. When making reservations **participants should state that they are with the American Mathematical Society and cite the reservation code AMSUSF**. Room blocks in the following hotels may sell out, so please book early. Hotels have varying cancellation or early checkout penalties; be sure to ask for details when making your reservation. **The room rates listed do not include applicable taxes; the current tax rate on hotel rooms is 12%.**

Embassy Suites-USF/Busch Gardens, 3705 Spectrum Blvd. (on the USF campus) Tampa, FL 33612; phone: 813-977-7066 ext. 2099 or 800-362-2779; fax: 813-903-6600. <http://www.embassysuitesusf.com>. US\$139 for single/double/triple. Rooms are equipped with a microwave, coffee maker, and refrigerator. Rates include free wireless Internet access (public areas; charge for sleeping room), complimentary full breakfast, manager's reception,

fitness center, outdoor swimming pool, and complimentary shuttle service within five miles of the hotel. The Oak Tree Lounge (cocktails) and Mangrove's Grill are located on premises. A variety of restaurants (including Vietnamese, contemporary American, Indian, Italian, etc.) are within walking distance, or you are welcome to take the free shuttle service to over 50 restaurants within five miles. Distance to the meeting site is .8 mile. Hotels have varying cancellation or early checkout penalties; be sure to ask for details when making your reservation. **The deadline for reservations is February 8, 2012.**

Wingate Inn-Busch Gardens Area, 3751 East Fowler Ave. (across from USF campus) Tampa, Florida 33612; phone: 813-979-2828 or 800-228-1000; fax: 813-977-1818. <http://www.wingate-tampa.com>. US\$108 for single/double. Rooms are equipped with a coffee maker, microwave, and small refrigerator. Rates include complimentary hot breakfast buffet, free wired/wireless Internet access, fitness center, outdoor swimming pool, indoor hot tub, and complimentary shuttle service within three miles of the hotel. A wine/beer lounge and a business center is located in the hotel. A variety of restaurants (including Vietnamese, contemporary American, Indian, Italian, etc.) are within walking distance, or you are welcome to take the free shuttle service to over 50 restaurants within three miles. Distance to the meeting site is .7 mile. Hotels have varying cancellation or early checkout penalties; be sure to ask for details when making your reservation. **The deadline for reservations is February 15, 2012.**

Clarion Hotel and Conference Center 2701 East Fowler Ave., (near USF campus and Busch Gardens) Tampa, Florida 33612; phone: 813-971-4710; fax: 813-910-8038. US\$69 for single/double. Rooms are equipped with refrigerators, microwaves, and coffee makers. Rates include complimentary full American breakfast buffet, free wireless access, heated outdoor pool, and on-site fitness room. University Mall is across the street; a variety of restaurants and cocktail lounges are within easy walking distance (Friday's is next door). Distance to the meeting site is 1.5 mi.; complimentary shuttle to the campus is based on availability. Hotels have varying cancellation or early checkout penalties; be sure to ask for details when making your reservation. **The deadline for reservations is February 15, 2012.**

La Quinta Inn & Suites USF (near Busch Gardens), 9202 North 30th Street Tampa, Florida 33612; phone: 813-930-6900; fax: 813-930-0563. US\$79 for single/double. Rates include complimentary breakfast including hot and cold items, free high-speed Internet access, and outdoor swimming pool. Rooms are equipped with coffee makers. Busch's Family Sports Bar & Grill is adjacent to the hotel. The distance to the meeting site is 2.8 mi. Hotels have varying cancellation or early checkout penalties; be sure to ask for details when making your reservation. **The deadline for reservations is February 9, 2012.**

Additional hotels near campus:

La Quinta Inn & Suites USF, 3701 East Fowler Ave. (across from USF campus) Tampa, Florida 33612; phone: 813-910-7500 or 800-531-5900; fax: 813-910-7600.

Hyatt Place Busch Gardens (near USF and Busch Gardens), 11408 North 30th St., Tampa, FL 33612; phone 813-979-1922.

Grand Suites Tampa Bay (near Busch Gardens), 11310 North 30th St., Tampa, FL 33612; phone: 813-971-7690.

Wingate Inn-Tampa North 17301 Dona Michelle Dr., Tampa, FL 33647; phone: 813-971-7676.

Dining near Campus

There are a number of restaurants adjacent to campus and nearby. A handy list will be available at the meeting registration desk.

Local Information and Maps

The USF Department of Mathematics and Statistics website is found at <http://math.usf.edu>. Our hosts also plan to post a website with more meeting details at <http://math.usf.edu/research/conferences>. A campus map is found at http://usfweb2.usf.edu/parking_services/maps/Visitor_Map.pdf.

Other Activities

AMS Book Sale: 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.

Parking

Free parking on Saturday and Sunday is across the street from the College of Business Administration (COBA) Building where the meeting will be held.

Registration and Meeting Information

The meeting will take place on the main campus of the University of Southern Florida, Tampa, FL. Registration and sessions will be held in the College of Business Administration (COBA). The registration desk will be open Saturday, 7:30 a.m.-4:00 p.m., and Sunday, 8:00 a.m.-noon. Fees are US\$52 for AMS members, US\$72 for nonmembers; and US\$5 for students, unemployed mathematicians, and emeritus members. Fees are payable on-site by cash, check, or credit card.

Travel Information

The nearest airport is Tampa International Airport (TPA), <http://www.tampaairport.com>, 5507 W. Spruce St., Tampa, FL 33607. The airport is about 14 miles from the campus, a 25-minute drive under optimal conditions. A few hotels offer a free shuttle service from TPA; participants should ask about this service when making a hotel reservation. **Bay Shuttle, Inc.**, 1-813-259-9998 offers transportation services between the airport (TPA) and the meeting hotels for US\$25 each way. **Reservations are required** by phone or through the website at <http://www.tampabayshuttle.com>.

Alternative shuttle services, airport limos, and taxis are also available (See http://www.tampaairport.com/ground_transportation.)

The second nearest airport is Saint Petersburg-Clearwater International Airport (PIE), 14700 Terminal Blvd # 221, Clearwater, FL 33762. PIE is about 26 miles away and you will need to rent a car to get to campus and the hotels.

Getting to the campus by car:

From the east: Take I-4 west to exit 9/I-75 north. Travel north on I-75 for 3.8 miles to Exit 265/Fowler Avenue. Head west on Fowler Avenue 4.4 miles to the university's main entrance at Leroy Collins Boulevard.

From the west/Tampa International Airport: Take I-275 North to Exit 45B/I-4 East. Travel east on I-4 for 8.1 miles to Exit 9/I-75 North. Travel north on I-75 for 3.8 miles to Exit 265/Fowler Avenue. Head west on Fowler Avenue 4.4 miles to the university's main entrance at Leroy Collins Boulevard.

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): **04N30002**. You can also call Hertz directly at 800-654-2240 (U.S. and Canada) or 405-749-4434 (other countries). At the time of reservation, the meeting rates will be automatically compared to other Hertz rates and you will be quoted the best comparable rate available.

Weather

Spring is definitely in the air in March and the weather is sunny, dry, and wonderful. Temperatures vary from 76° F to 56° F and the water temperature for the Gulf of Mexico (West Coast) and the Atlantic Ocean (East Coast) range from the low 60s to middle 70s.

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 <http://sites.nationalacademies.org/pga/biso/visas> and http://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 dls@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.

Washington, District of Columbia

George Washington University

March 17-18, 2012

Saturday - Sunday

Meeting #1080

Eastern Section

Associate secretary: Steven H. Weintraub

Announcement issue of *Notices*: January 2012

Program first available on AMS website: February 9, 2012

Program issue of electronic *Notices*: March 2012

Issue of *Abstracts*: Volume 33, Issue 2

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions: Expired

For abstracts: January 31, 2012

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

Invited Addresses

Jim Geelen, University of Waterloo, *Matroid minors*.

Boris Solomyak, University of Washington, *Some recent advances in tiling dynamical systems*.

Gunther Uhlmann, University of Washington, *Cloaking: Science meets science-fiction* (Einstein Public Lecture in Mathematics).

Anna Wienhard, Princeton University, *Deformation spaces of geometric structures*.

Special Sessions

Analysis of Wavelets, Frames, and Fractals (Code: SS 11A), **Keri Kornelson**, University of Oklahoma, and **Judy Packer**, University of Colorado Boulder.

Computable Mathematics (in honor of Alan Turing) (Code: SS 8A), **Douglas Cenzer**, University of Florida, **Valentina Harizanov**, George Washington University, and **Russell Miller**, Queens College and Graduate Center-CUNY.

Convex and Discrete Geometry (Code: SS 9A), **Jim Lawrence** and **Valeriu Soltan**, George Mason University.

Difference Equations and Applications (Code: SS 18A), **Michael Radin**, Rochester Institute of Technology.

Dynamics of Complex Networks (Code: SS 7A), **Yongwu Rong**, **Guanyu Wang**, and **Chen Zeng**, George Washington University.

Homology Theories Motivated by Knot Theory (Code: SS 3A), **Jozef H. Przytycki**, George Washington University, **Radmila Sazdanovic**, University of Pennsylvania, and **Alexander N. Shumakovitch** and **Hao Wu**, George Washington University.

Mathematical Methods in Disease Modeling (Code: SS 15A), **Shweta Bansal**, Georgetown University and National Institutes of Health, and **Sivan Leviyang**, Georgetown University.

Mathematics Applied in the Sciences: From Statistics to Topology (Code: SS 12A), **James Carroll** and **Hanna Makaruk**, Los Alamos National Laboratory, and **Robert Owczarek**, Enfitec, Inc. and University of New Mexico.

Matroid Theory (Code: SS 1A), **Joseph E. Bonin**, George Washington University, and **Sandra Kingan**, Brooklyn College.

Nonlinear Dispersive Equations (Code: SS 10A), **Manoussos Grillakis**, University of Maryland, **Justin Holmer**, Brown University, and **Svetlana Roudenko**, George Washington University.

Optimization: Theory and Applications (Code: SS 2A), **Roman Sznajder**, Bowie State University.

Relations between the History and Pedagogy of Mathematics (Code: SS 14A), **David L. Roberts**, Prince George's Community College, and **Kathleen M. Clark**, Florida State University.

Self-organization Phenomena in Reaction Diffusion Equations (Code: SS 5A), **Xiaofeng Ren**, George Washington University, and **Junping Shi**, College of William and Mary.

Structural and Extremal Problems in Graph Theory (Code: SS 4A), **Daniel Cranston**, Virginia Commonwealth University, and **Gexin Yu**, College of William & Mary.

Symmetric Functions, Quasisymmetric Functions, and the Associated Combinatorics (Code: SS 16A), **Nicholas Loehr**, Virginia Tech, and **Elizabeth Niese**, Marshall University.

The Legacy of Goedel's Second Incompleteness Theorem for the Foundations of Mathematics (Code: SS 17A), **Karim J. Mourad**, Georgetown University.

Tilings, Substitutions, and Bratteli-Vershik Transformations (Code: SS 6A), **E. Arthur Robinson**, George Washington University, and **Boris Solomyak**, University of Washington.

Topics in Geometric Analysis and Complex Analysis (Code: SS 13A), **Zheng Huang** and **Marcello Lucia**, City University of New York, Staten Island.

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 the District of Columbia hotel tax (14.5%). Participants must state that they are with the **American Mathematical Society (AMS) Meeting at George Washington University** 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.**

Washington Suites Georgetown/Avenue Suites,* 2500 Pennsylvania Avenue NW, Washington, DC 20037; 202-333-8060; 877-736-2500 (toll free); <http://www.washingtonsuitesgeorgetown.com>. Rates are US\$149 per night for single/double occupancy. This is an all suite property. Amenities include complimentary continental breakfast each morning; fully equipped kitchen with full sized appliances; limited valet parking available for US\$34 + tax per night; and free wired and wireless Internet in guest rooms. This hotel is pet friendly. This property is located approximately .55 miles from the campus. Cancellation and early check-out policies vary; be sure to check when you make your reservation. *Please note that this property has been renovated and will be renamed Avenue Suites in January 2012. The deadline for reservations at this rate is **February 7, 2012**.

George Washington University Inn, 824 New Hampshire Ave. NW, Washington, D.C. 20037; 800-426-4455 (toll free); 202-337-6620 (reservations department); <http://www.gwuinn.com>. Rates are US\$149 per night for a standard king, single occupancy, and US\$20 for each additional guest. Amenities include complimentary access to Bally's Total Fitness; complimentary shoeshine service; most rooms have kitchenettes (please request this feature if desired); secure underground valet parking available for US\$30 + tax per day; five-minute walk to Foggy Bottom Metro stop; "Notti Bianchi Restaurant" located on property; and free in-room wired and wireless Internet. This property is located approximately .34 miles from the campus. Cancellation and early check-out policies vary; be sure to check when you make your reservation. The deadline for reservations at this rate is **February 7, 2012**.

One Washington Circle Hotel, One Washington Circle NW, Washington DC, 20037; 202-872-1680; 800-424-9671 (toll free); <http://www.thecirclehotel.com>. Rates are US\$149 per night for single/double occupancy. Amenities include fitness center, "Circle Bistro and Lounge" restaurant on property, and free wired and wireless Internet in guest rooms. This property is located approximately one mile from the campus. Cancellation and early check-out policies vary; be sure to check when you make your reservation. The deadline for reservations at this rate is **February 7, 2012**.

Residence Inn by Marriott Arlington Courthouse, 1401 N. Adams St, Arlington, VA 22201; 703-312-2100;

<http://www.marriott.com/wasca>. Rates are US\$129 per night for single occupancy. This is an all suite property. Amenities include complimentary hot “Home Touch” breakfast each morning; fully equipped kitchen; indoor pool; on-site fitness room; limited on-site parking for US\$14 + tax per night; and free wired and wireless Internet in guest rooms. This hotel is pet friendly. This property is located approximately 3.4 miles from the campus or two metro stops away. The Courthouse metro stop is less than a block away. Cancellation and early check-out policies vary; be sure to check when you make your reservation. The deadline for reservations at this rate is **February 7, 2012**.

The River Inn, 924 Twenty-Fifth street NW, Washington, DC 20037; 202-337-7600; 888-874-0100 (toll free); <http://www.theriverinn.com>. Rates are US\$149 per night for single/double occupancy for a corporate suite with a queen bed. There is a US\$20 per person charge for additional guests and there is an upgrade to a one bedroom suite available for an additional US\$35 per night. This is an all suite property. Amenities include a fully equipped kitchen; exercise facility; on-site restaurant “DISH + drinks”; limited valet parking is available for US\$34 + tax per night; complimentary two-hour bike rentals; and free wired and wireless Internet in guest rooms. This property is located approximately one mile from the campus. Cancellation and early check-out policies vary; be sure to check when you make your reservation. The deadline for reservations at this rate is **February 7, 2012**.

Food Services

On Campus: Campus facilities will be closed during the weekend of the meeting for Spring Break.

Off Campus: There are many dining choices for casual dining and “grab and go” options convenient to campus. The Shops at 2000 Penn afford several choices just a short distance from the meeting:

Au Bon Pain, 202-887-9215; offering sandwiches, soups, salads, and entrees.

Bertucci’s, 202-296-2600; offering Italian cuisine.

Con-E-Island, 202-822-8460; offering ice cream, frozen yogurt, and fresh baked goods.

Johnny Rockets, 202-822-1260; offering hamburgers, sandwiches, and shakes.

Kinkeads, 202-296-7700; not open for lunch on the weekends, dinner only; an American brasserie.

The Perfect Pita, 202-293-7482; closed on Sunday; offering soups, salads, and sandwiches with a Mediterranean American flair.

Wasabi to Go, 202-822-0648; closed on Sunday; offering sushi and Japanese cuisine.

Please visit <http://www.gwu.edu/explore/visitingcampus/lodgingdining#fbd>, for more casual and fine dining options in the Foggy Bottom neighborhood.

Registration and Meeting Information

Registration and the AMS book exhibit will be located in Monroe Hall, on the second floor. Special Sessions will be held in Monroe Hall, Fungler Hall, Duques Hall, and the Hall of Government. The Einstein Lecture will be

held in Fungler 108 (McCrea Auditorium) with additional seating available in Fungler 103 (Dworetzky Auditorium). Please refer to the campus map at http://www.gwu.edu/staticfile/GW/Campus%20Information/Campus%20Maps/gw_campus-map_2011.pdf for specific locations. The registration desk will be open on Saturday, March 17, 7:30 a.m.-4:00 p.m., and Sunday, March 18, 8:00 a.m.-12:00 p.m. Fees are US\$52 for AMS members, US\$72 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.

AMS Einstein Public Lecture in Mathematics

The Einstein Public Lecture will be given by **Gunther Uhlmann**, University of California, Irvine, and University of Washington. The title of his talk is *Cloaking: Science meets science-fiction*. The lecture will be given on Saturday, March 17, at 5:00 p.m., in Fungler Hall in the McCrea Auditorium (Fungler 108).

A reception hosted by the Department of Mathematics and the AMS will take place between 6:00 p.m. - 7:00 p.m. in the lobby of Fungler Hall outside the auditoriums. The AMS thanks our hosts for their gracious hospitality.

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 Foggy Bottom Campus of George Washington University. A campus map can be found at http://www.gwu.edu/staticfile/GW/Campus%20Information/Campus%20Maps/gw_campus-map_2011.pdf. Information about the GWU Department of Mathematics may be found at <http://www.gwu.edu/~math/>. Please watch the website available at <http://www.ams.org/meetings/sectional/sectional.html> for additional information on this meeting. Please visit the George Washington University website at www.gwu.edu for additional information on the campus.

Parking

Both the Academic Center Garage (marked 30 on the campus map) and the Marvin Center (marked 22 on the campus map) offer parking for meeting participants. The rates at the time of publication were weekdays US\$9 for up to one hour and US\$15 for up to two hours, with a daily maximum rate of US\$19. There is an evening maximum rate of US\$9 and a weekend daily maximum rate of US\$11.

Travel

GWU is approximately a nine-minute drive from Ronald Regan Washington National Airport (DCA), approximately a 35-minute drive from Washington Dulles International Airport (IAD), and 60-minute drive from Baltimore-Washington International Thurgood Marshall Airport (BWI). To view several other airport options please reference the George Washington University website at <http://www.gwu.edu/explore/visitingcampus/gettingtoarounddc>

By Air: Reagan Washington National Airport (DCA) in suburban Virginia is the closest and most convenient airport to the university. From the airport, you can use the Metrorail train to the Foggy Bottom GWU Metro Stop or take a taxi directly to the Foggy Bottom Campus. To access the Metrorail Station from Terminal B and C use the pedestrian bridges that lead directly to the station; to access the station from Terminal A board any "Airport Shuttle" bus from outside the terminal and travel to the station. Metrorail passes may be purchased in machines located at the station and fares range between US\$1.60 and US\$2.55 one way. Taxicab stands are located near the Arrivals (Baggage Claim) exits of each terminal and no advanced reservations are required. Taxi fares can be estimated at between US\$11-US\$15 one way. There is also a US\$2.50 airport fee payable in addition to the taxi fare.

Dulles International Airport (IAD) is more distant in the Virginia suburbs. You may use a taxi or use the Washington Flyer shuttles to get into the city. Washington Flyer Coach Service will take you non-stop to Metrorail's West Falls Church Station for US\$10 one-way or US\$18 round-trip. Tickets for the Flyer Coach can be purchased at the ticket counter located inside the vestibule of Door 4 on the arrivals level of the main terminal. The Metrorail ride from West Falls Church Station to the Foggy Bottom GWU Metro stop takes approximately 18 minutes and the fare ranges between US\$2.15 and US\$3.60. The exclusive taxicab service serving the airport is Washington Flyer Taxi. No reservations are necessary for leaving the airport, follow the signs for ground transportation to the lower level of the main terminal. To arrange for a reservation to return to the airport call 703-572-8294 at least 8 hours prior to the desired pick-up time to place a reservation. Approximate cab fare could range between US\$50 to US\$65. There is not yet direct rail transport from Dulles to Washington, D.C.

Baltimore-Washington International Airport (BWI), in Maryland, is the most distant area airport from the campus. To get to the campus, ground transportation options include the Super Shuttle, and the Amtrak train into Washington, D.C. Super Shuttle reservations can be made via the Web at <http://www.supershuttle.com/en/BWIAirport>. Super Shuttle counters are located at the lower level baggage claims 1 through 10. To utilize Amtrak service into Washington D.C. from the airport, take a complimentary shuttle from the terminal to BWI Marshall Rail Station. Board the Amtrak train from BWI to Washington's Union Station. The estimated fare is US\$11 one way. To contact Amtrak Passenger Services at Union

Station, please call 202-906-3260. To contact the Union Station ticket office, call 202-906-3104.

By Train: The Washington region is served by Amtrak. Reservations can be made at <http://www.amtrak.com>. If traveling by rail, you will arrive at Union Station, not far from the Capitol. Inside Union Station, you can board Metrorail for a short subway ride to the Foggy Bottom-GWU Metro stop.

By Bus: The Washington region is served by Greyhound Lines, reservations can be made at <http://www.greyhound.com>. Megabus also travels to the DC area; reservations can be made at <http://us.megabus.com/>. Boltbus also provides service to the DC area; reservations can be made at <https://www.boltbus.com/>. you will arrive at Union Station, not far from the Capitol. Inside Union Station, you can board Metrorail for a short subway ride to the Foggy Bottom-GWU Metro stop.

By Car: From the north, travel on Interstate 95 south to Interstate 495 (Capital Beltway) toward Silver Spring/Northern Virginia. Take exit 33, heading south on Connecticut Avenue for about 9 miles. Turn right onto Florida Avenue (just past the Washington Hilton) and turn left immediately onto 21st Street. Turn right on I Street. The visitor entrance to the parking garage is on the left between 21st and 22nd Streets.

From the northwest, travel on Interstate 270 to Interstate 495 (Capital Beltway) toward Silver Spring. Take exit 33, heading south on Connecticut Avenue for about 9 miles. Follow directions as given in From North.

From the west, Interstate 66 and Route 50 both connect with the Theodore Roosevelt (TR) Bridge. Cross the bridge and exit left at E Street, then again at Virginia Avenue. Bear left, following signs for 23rd Street. Turn right on 23rd Street and continue a few blocks to campus. Turn right on I Street. The visitor entrance to the parking garage is on your right between 22nd and 21st Streets.

From the south, Interstate 95 to Interstate 395 Arlington Memorial Bridge exit. Cross the bridge and bear left at the Lincoln Memorial. Turn left onto 23rd Street, NW, and follow directions as given in From West.

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): 04N30002. You can also call Hertz directly at 800-654-2240 (U.S. and Canada) or 1-405-749-4434 (other countries). At the time of reservation, the meeting rates will be automatically compared to other Hertz rates and you will be quoted the best comparable rate available.

Local Transportation

Taxi Service: Licensed, metered taxis are available throughout Washington, D.C., close-in suburbs, and the airports.

Bus and Subway Service: The Metro bus and rail system serves Washington D.C. and surrounding areas. Metrobus fare for regular routes can range from US\$1.50 to US\$3.85 using cash. Senior/Disabled fare can range from US.75¢ to US\$1.80 on express routes. You must have exact change, drivers do not carry cash.

Metrorail regular fares are in effect on weekdays from opening to 9:30 a.m., 3:00 p.m.–7:00 p.m., and on weekends from midnight to closing. A peak-of-the-peak fee of US\$20¢ is added to regular fares weekdays 7:30–9 a.m. and 4:30–6 p.m. Each rider needs his or her own farecard or pass to ride Metrorail. A pass or farecard cannot be shared with another person. Farecards hold between US\$1.60 and US\$45 and are available at fare vending machines in Metrorail stations, retail outlets and commuter stores. Farecards valued at US\$10–US\$20 can be purchased online in advance. Additional information can be found at <http://www.wmata.com/fares/>.

If travelling to GWU by the Metro: The Blue and Orange lines stop at Foggy Bottom/GWU Metro station which is located on the GWU campus. Foggy Bottom/GWU Metro station is at the corner of 23rd and I streets, and is marked with a big M on the campus map.

Weather:

The average high temperature for March is approximately 56 degrees Fahrenheit and the average low is approximately 38 degrees Fahrenheit. Rain is common for this time of year. 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 <http://sites.nationalacademies.org/pga/biso/visas/> and http://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 mac@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

Lawrence, Kansas

University of Kansas

March 30 – April 1, 2012

Friday – Sunday

Meeting #1081

Central Section

Associate secretary: Georgia Benkart

Announcement issue of *Notices*: February 2012

Program first available on AMS website: March 8, 2012

Program issue of electronic *Notices*: March 2012

Issue of *Abstracts*: Volume 33, Issue 2

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions: December 20, 2011

For abstracts: February 14, 2012

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

Invited Addresses

Frank Calegari, Northwestern University, *Title to be announced.*

Christopher Leininger, University of Illinois at Urbana-Champaign, *Title to be announced.*

Alina Marian, University of Illinois at Chicago, *Title to be announced.*

Catherine Yan, Texas A&M University, *Title to be announced.*

Special Sessions

Algebraic Geometry and its Applications (Code: SS 9A), **Yasuyuki Kachi**, **B. P. Purnaprajna**, and **Sarang Sane**, University of Kansas.

Combinatorial Commutative Algebra (Code: SS 1A), **Christopher Francisco** and **Jeffrey Mermin**, Oklahoma State University, and **Jay Schweig**, University of Kansas.

Complex Analysis, Geometry and Probability (Code: SS 20A), **Pietro Poggi-Corrandini** and **Hrant Hakobyan**, Kansas State University.

Dynamics and Stability of Nonlinear Waves (Code: SS 12A), **Mat Johnson** and **Myunghyun Oh**, University of Kansas.

Enumerative and Geometric Combinatorics (Code: SS 5A), **Margaret Bayer**, University of Kansas, **Joseph P. King**, University of North Texas, **Svetlana Poznanovik**, Georgia Institute of Technology, and **Catherine Yan**, Texas A&M University.

Geometric Representation Theory (Code: SS 4A), **Zongzhu Lin**, Kansas State University, and **Zhiwei Yun**, Massachusetts Institute of Technology.

Geometric Topology and Group Theory (Code: SS 16A), **Richard P. Kent IV**, University of Wisconsin-Madison, **Christopher J. Leininger**, University of Illinois Urbana-Champaign, and **Kasra Rafi**, University of Oklahoma.

Geometry of Moduli Spaces of Sheaves (Code: SS 17A), **Alina Marian**, University of Illinois at Chicago, and **Dragos Oprea**, University of California San Diego.

Harmonic Analysis and Applications (Code: SS 6A), **Arpad Benyi**, Western Washington University, **David Cruz-Urbe**, Trinity College, and **Rodolfo Torres**, University of Kansas.

Interplay between Geometry and Partial Differential Equations in Several Complex Variables (Code: SS 13A), **Jennifer Halfpap**, University of Montana, and **Phil Harrington**, University of Arkansas.

Invariants of Knots (Code: SS 3A), **Heather A. Dye**, McKendree University, and **Aaron Kaestner** and **Louis H. Kauffman**, University of Illinois at Chicago.

Mathematical Statistics (Code: SS 14A), **Zsolt Talata**, University of Kansas.

Mathematics of Ion Channels: Life's Transistors (Code: SS 15A), **Bob Eisenberg**, Rush Medical Center at Chicago, **Chun Liu**, Penn State University, and **Weishi Liu**, University of Kansas.

Mirror Symmetry (Code: SS 19A), **Ricardo Castano-Bernard**, Kansas State University, **Paul Horja**, Oklahoma State University, and **Zheng Hua** and **Yan Soibelman**, Kansas State University.

Nonlinear Dynamical Systems and Applications (Code: SS 11A), **Weishi Liu** and **Erik Van Vleck**, University of Kansas.

Numerical Analysis and Scientific Computing (Code: SS 10A), **Weizhang Huang**, **Xuemin Tu**, **Erik Van Vleck**, and **Honggou Xu**, University of Kansas.

Partial Differential Equations (Code: SS 2A), **Milena Stanislavova** and **Atanas Stefanov**, University of Kansas.

Singularities in Commutative Algebra and Algebraic Geometry (Code: SS 7A), **Hailong Dao**, University of Kansas, **Lance E. Miller**, University of Utah, and **Karl Schwede**, Pennsylvania State University.

Stochastic Analysis (Code: SS 18A), **Jin Feng**, **Yaozhong Hu**, and **David Hualart**, University of Kansas.

Topics in Commutative Algebra (Code: SS 8A), **Hailong Dao**, **Craig Huneke**, and **Daniel Katz**, University of Kansas.

Undergraduate Research (Code: SS 22A), **Marianne Korten** and **David Yetter**, Kansas State University.

University Mathematics Education in an Online World (Code: SS 21A), **Andrew G. Bennett** and **Carlos Castillo-Garsow**, Kansas State University.

Rochester, New York

Rochester Institute of Technology

September 22–23, 2012

Saturday – Sunday

Meeting #1082

Eastern Section

Associate secretary: Steven H. Weintraub

Announcement issue of *Notices*: May 2012

Program first available on AMS website: July 19, 2012

Program issue of electronic *Notices*: September 2012

Issue of *Abstracts*: Volume 33, Issue 3

Deadlines

For organizers: February 22, 2012

For consideration of contributed papers in Special Sessions: May 15, 2012

For abstracts: July 10, 2012

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

Invited Addresses

Steve Gonek, University of Rochester, *Title to be announced.*

James Keener, University of Utah, *Title to be announced.*

Dusa McDuff, Barnard College, *Title to be announced.*

Peter Winkler, Dartmouth College, *Title to be announced.*

Special Sessions

Continuum Theory (Code: SS 3A), **Likin C. Simon Romero**, Rochester Institute of Technology.

Financial Mathematics (Code: SS 1A), **Tim Siu-Tang Leung**, Columbia University.

Microlocal Analysis and Nonlinear Evolution Equations (Code: SS 2A), **Raluca Felea**, Rochester Institute of Technology, and **Dan-Andrei Geba**, University of Rochester.

Special Session on Operator Theory and Function Spaces (Code: SS 4A), **Gabriel T. Prajitura** and **Ruhan Zhao**, State University of New York at Brockport.

New Orleans, Louisiana

Tulane University

October 13–14, 2012

Saturday – Sunday

Meeting #1083

Southeastern Section

Associate secretary: Matthew Miller

Announcement issue of *Notices*: June 2012

Program first available on AMS website: September 6, 2012

Program issue of electronic *Notices*: October 2012

Issue of *Abstracts*: Volume 33, Issue 3

Deadlines

For organizers: March 13, 2012

For consideration of contributed papers in Special Sessions: July 3, 2012

For abstracts: August 28, 2012

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

Invited Addresses

Anita Layton, Duke University, *Title to be announced.*

Lenhard Ng, Duke University, *Title to be announced.*

Henry K. Schenck, University of Illinois at Urbana-Champaign, *From approximation theory to algebraic geometry: The ubiquity of splines.*

Milen Yakimov, Louisiana State University, *Title to be announced.*

Akron, Ohio

University of Akron

October 20–21, 2012

Saturday – Sunday

Meeting #1084

Central Section

Associate secretary: Georgia Benkart

Announcement issue of *Notices*: August 2012

Program first available on AMS website: September 27, 2012

Program issue of electronic *Notices*: October 2012

Issue of *Abstracts*: Volume 33, Issue 4

Deadlines

For organizers: March 22, 2012

For consideration of contributed papers in Special Sessions: July 10, 2012

For abstracts: September 4, 2012

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

Invited Addresses

Tanya Christiansen, University of Missouri, *Title to be announced.*

Tim Cochran, Rice University, *Title to be announced.*

Ronald Solomon, Ohio State University, *Title to be announced.*

Ben Weinkove, University of California San Diego, *Title to be announced.*

Special Sessions

Groups, Representations, and Characters (Code: SS 1A), **Mark Lewis**, Kent State University, **Adriana Nenciu**, Otterbein University, and **Ronald Solomon**, Ohio State University.

Tucson, Arizona

University of Arizona, Tucson

October 27–28, 2012

Saturday – Sunday

Meeting #1085

Western Section

Associate secretary: Michel L. Lapidus

Announcement issue of *Notices*: August 2012

Program first available on AMS website: October 4, 2012

Program issue of electronic *Notices*: October 2012

Issue of *Abstracts*: Volume 33, Issue 4

Deadlines

For organizers: March 27, 2012

For consideration of contributed papers in Special Sessions: July 17, 2012

For abstracts: September 11, 2012

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

Invited Addresses

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

Kenneth McLaughlin, University of Arizona, Tucson, *Title to be announced.*

Ken Ono, Emory University, *Title to be announced* (Erdős Memorial Lecture).

Jacob Sterbenz, University of California San Diego, *Title to be announced.*

Goufang Wei, University of California, Santa Barbara, *Title to be announced.*

Special Sessions

Dispersion in Heterogeneous and/or Random Environments (Code: SS 2A), **Rabi Bhattacharya**, Oregon State University, Corvallis, and **Edward Waymire**, University of Arizona, Tucson.

Harmonic Maass Forms and q -Series (Code: SS 1A), **Ken Ono**, Emory University, **Amanda Folsom**, Yale University, and **Zachary Kent**, Emory University.

San Diego, California

San Diego Convention Center and San Diego Marriott Hotel and Marina

January 9–12, 2013

Wednesday – Saturday

Meeting #1086

Joint Mathematics Meetings, including the 119th Annual Meeting of the AMS, 96th Annual Meeting of the Mathematical Association of America, annual meetings of the Association for Women in Mathematics (AWM) and the National Association of Mathematicians (NAM), and the winter meeting of the Association for Symbolic Logic (ASL), with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).

Associate secretary: Georgia Benkart

Announcement issue of *Notices*: October 2012

Program first available on AMS website: November 1, 2012

Program issue of electronic *Notices*: January 2012

Issue of *Abstracts*: Volume 34, Issue 1

Deadlines

For organizers: April 1, 2012

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

For abstracts: To be announced

Oxford, Mississippi

University of Mississippi

March 1–3, 2013

Friday – Sunday

Southeastern Section

Associate secretary: Matthew Miller

Announcement issue of *Notices*: To be announced

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: To be announced

Deadlines

For organizers: August 1, 2012

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

For abstracts: To be announced

Chestnut Hill, Massachusetts

Boston College

April 6–7, 2013

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: September 6, 2012

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

For abstracts: To be announced

Ames, Iowa

Iowa State University

April 27–28, 2013

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*: April 2013

Issue of *Abstracts*: To be announced

Deadlines

For organizers: September 27, 2012

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

For abstracts: To be announced

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

Special Sessions

Operator Algebras and Topological Dynamics (Code: SS 1A), **Ken Ono**, Emory University, **Amanda Folsom**, Yale University, and **Zachary Kent**, Emory University.

Alba Iulia, Romania

June 27–30, 2013

Thursday – Sunday

First Joint International Meeting of the AMS and the Romanian Mathematical Society, in partnership with the “Simion Stoilow” Institute of Mathematics of the Romanian Academy.

Associate secretary: Steven H. Weintraub

Announcement issue of *Notices*: To be announced

Program first available on AMS website: Not applicable

Program issue of electronic *Notices*: Not applicable

Issue of *Abstracts*: Not applicable

Deadlines

For organizers: To be announced

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

For abstracts: To be announced

Louisville, Kentucky

University of Louisville

October 5–6, 2013

Saturday – Sunday

Southeastern Section

Associate secretary: Matthew Miller

Announcement issue of *Notices*: To be announced

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: To be announced

Deadlines

For organizers: March 5, 2013

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

For abstracts: To be announced

St. Louis, Missouri

Washington University

October 18–20, 2013

Friday – 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: March 20, 2013

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

For abstracts: To be announced

Riverside, California

University of California Riverside

November 2–3, 2013

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: April 2, 2013

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

For abstracts: To be announced

Baltimore, Maryland

Baltimore Convention Center, Baltimore Hilton, and Marriott Inner Harbor

January 15–18, 2014

Wednesday – Saturday

Joint Mathematics Meetings, including the 120th Annual Meeting of the AMS, 97th Annual Meeting of the Mathematical Association of America, annual meetings of the Association for Women in Mathematics (AWM) and the National Association of Mathematicians (NAM), and the winter meeting of the Association for Symbolic Logic, with sessions contributed by the Society for Industrial and Applied Mathematics (SIAM).

Associate secretary: Matthew Miller

Announcement issue of *Notices*: 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: April 1, 2013

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

For abstracts: To be announced

Tel Aviv, Israel

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

June 16–19, 2014

Monday – Thursday

The 2nd Joint International Meeting between the AMS and the Israel Mathematical Union.

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 consideration of contributed papers in Special Sessions: To be announced

For abstracts: To be announced

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

For abstracts: To be announced

Porto, Portugal

University of Porto

June 11–14, 2015

Thursday – Sunday

Associate secretary: Georgia Benkart

Announcement issue of *Notices*: To be announced

Program first available on AMS website: To be announced

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: Not applicable

Deadlines

For organizers: To be announced

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

For abstracts: To be announced

Seattle, Washington

Washington State Convention Center and the Sheraton Seattle Hotel

January 6–9, 2016

Wednesday – Saturday

Joint Mathematics Meetings, including the 122nd Annual Meeting of the AMS, 99th Annual Meeting of the Mathematical Association of America, 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: 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

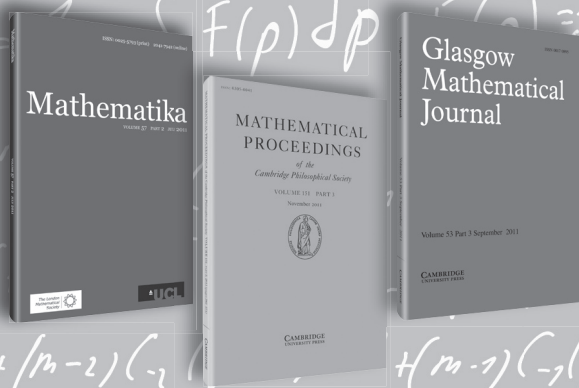
Deadlines

For organizers: April 1, 2015

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

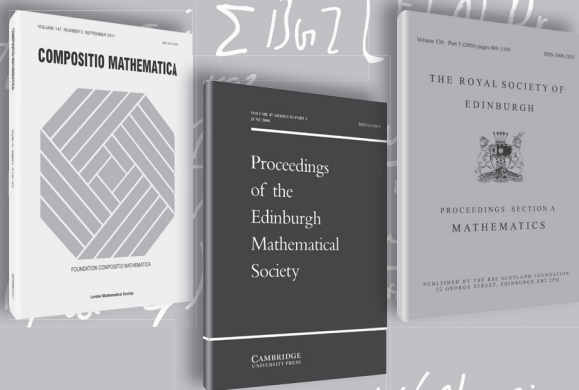
For abstracts: To be announced

Leading Mathematical Research from Cambridge



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January 4th – 7th 2012.

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Meetings & Conferences

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: Georgia Benkart

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 consideration of contributed papers in Special Sessions: To be announced

For abstracts: To be announced

San Diego, California

San Diego Convention Center and San Diego Marriott Hotel and Marina

January 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, 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: Matthew Miller

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 consideration of contributed papers in Special Sessions: To be announced

For abstracts: To be announced