Meetings & Conferences of the AMS

IMPORTANT NEW PROGRAM INFORMATION: In order that AMS meeting programs include the most timely information for each speaker, abstract deadlines have been moved to dates much closer to the meeting. As a result, Sectional Meeting programs have been appearing in the *Notices* ***after*** the meeting takes place. The Secretariat of the AMS has observed that this arrangement does not provide an adequate service to the reader. So, beginning with the Gainesville meeting (March 12-13, 1999), AMS Sectional Meeting programs will no longer appear in the print version of the *Notices.* However, prior to the meeting date, comprehensive and continually updated meeting and program information with links to the abstract for each talk can be found on e-MATH. See `http://www.ams.org/meetings/`. Programs and abstracts will continue to be displayed on e-MATH in the Meetings and Conferences section until about three weeks after the meeting is over. Final programs for Sectional Meetings will be archived on e-MATH in the next electronic issue of the *Notices* which follows the meeting. See the entry "Program issue of electronic *Notices*" listed below for each meeting to identify the specific issue.

Salt Lake City, Utah

University of Utah

September 25–26, 1999

Meeting #946

Western Section
Associate secretary: Bernard Russo
Announcement issue of *Notices*: June 1999
Program first available on eMATH: August 19, 1999
Program issue of electronic *Notices*: December 1999
Issue of *Abstracts*: Volume 20, Issue 4

Deadlines

For organizers: Expired
For consideration of contributed papers in Special Sessions: Expired
For abstracts: August 3, 1999

Invited Addresses

Robert Burton, Oregon State University, *Title to be announced.*

Michael Kapovich, University of Utah, *Title to be announced.*

Richard Wentworth, University of California, Irvine, *Title to be announced.*

Maciej Zworski, University of California, Berkeley, *Title to be announced.*

Special Sessions

Arithmetical Algebraic Geometry (Code: AMS SS B1), **Minhyong Kim**, University of Arizona, and **Wieslawa Niziol**, University of Utah.

Commutative Algebra (Code: AMS SS C1), **Paul Roberts**, University of Utah, and **Roger Wiegand**, University of Nebraska.

Complex Variables and Operator Theory (Code: AMS SS A1), **Siqi Fu**, **Farhad Jafari**, and **Peter Polyakov**, University of Wyoming.

Ergodic Theory of Stochastic Processes (Code: AMS SS D1), **Stewart N. Ethier** and **Davar Khoshnevisan**, University of Utah.

Ergodic and Number Theory (Code: AMS SS G1), **Robert Burton** and **Thomas Schmidt**, Oregon State University.

Microlocal Analysis and Applications (Code: AMS SS E1), **Gunther Uhlmann**, University of Washington, and **Maciej Zworski**, University of California, Berkeley.

Numerical Methods for Partial Differential Equations (Code: AMS SS F1), **Benito Chen** and **Junping Wang**, Institute for Scientific Study, University of Wyoming.

Providence, Rhode Island

Providence College

October 2–3, 1999

Meeting #947

Eastern Section
Associate secretary: Lesley M. Sibner
Announcement issue of *Notices*: August 1999
Program first available on eMATH: August 25, 1999
Program issue of electronic *Notices*: December 1999
Issue of *Abstracts*: Volume 20, Issue 4

Deadlines

For organizers: Expired
For consideration of contributed papers in Special Sessions: Expired
For abstracts: August 11, 1999

Invited Addresses

Dan M. Barbasch, Cornell University, *Unipotent representations and unitarity*.

Henri Berestycki, Université Paris VI and École Normale Supérieure, *Title to be announced*.

David Mumford, Brown University, *What is the right mathematical/statistical model for natural images?*

Guoliang Yu, University of Colorado, *The Novikov conjecture and geometry of groups*.

Special Sessions

Algebraic Dynamics (Code: AMS SS G1), **Jonathan Lubin** and **Joseph H. Silverman**, Brown University.

Algebraic and Geometric Combinatorics (Code: AMS SS A1), **Vesselin N. Gasharov**, Cornell University, and **Ira M. Gessel**, Brandeis University.

Difference Equations and Applications (Code: AMS SS E1), **Gerasimos Ladas**, University of Rhode Island, and **Jeffrey T. Hoag**, Providence College.

Geometric Properties of Nonlinear Elliptic PDEs (Code: AMS SS K1), **Henri Berestycki**, Université Paris VI and École Normale Supérieure, and **Yanyan Li**, Rutgers University.

Geometry and Representation Theory of Algebraic Groups (Code: AMS SS C1), **James E. Humphreys** and **Ivan Mirkovic**, University of Massachusetts.

Mathematical and Statistical Aspects of Vision (Code: AMS SS H1), **David Mumford**, **Donald E. McClure**, and **Stuart A. Geman**, Brown University.

Number Theory (Code: AMS SS J1), **Michael I. Rosen** and **Siman Wong**, Brown University.

Operator K-Theory and its Applications to Geometry and Topology (Code: AMS SS D1), **Guoliang Yu**, **Carla E. Farsi**, and **Jeffrey S. Fox**, University of Colorado, Boulder.

Representation Theory of Reductive Groups (Code: AMS SS B1), **Dan M. Barbasch** and **Birgit Speh**, Cornell University.

The History of Mathematics (Code: AMS SS F1), **Daniel Otero**, Xavier University, and **C. Edward Sandifer**, Western Connecticut State University.

Accommodations

Participants should make their own arrangements directly with a hotel of their choice. Special rates have been negotiated at the hotel listed below. Rates quoted do not include sales tax of 12%. When making a reservation, participants should state they are attending the AMS Eastern Sectional Meeting. Providence is a popular destination in the fall, so participants should make reservations as soon as possible. Many hotels will be fully booked during the meeting weekend.

N.B. Please note that no hotel is within walking distance of the meeting. Participants may want to consider sharing the cost of a rental car.

Days Hotel, 220 India St., 401-272-5577 (same number for fax); $89/single or double, $99/triple, $109/quad. **Deadline for reservations is September 4, 1999**. Directions from I-95 north or south: Take exit 20 onto I-195 East; take exit 3 off I-195; turn left at the end of the ramp onto Gano St.; follow Gano for two blocks to the parking lot on the right.

Food Service and Local Information

On campus Raymond Cafeteria will serve brunch ($5.00) and dinner ($5.75) on Saturday and Sunday. Newport Creamery on Smith Street is about a 15-minute walk; Gravity's on Admiral is about a 5-minute walk.

Please see the Web site maintained by Providence College at `http://www.providence.edu/`.

Other Activities

AMS Book Sale: Examine the newest titles from the AMS. Most books will be available at a special 50% discount offered only at meetings. Complimentary coffee will be served courtesy of AMS Membership Services.

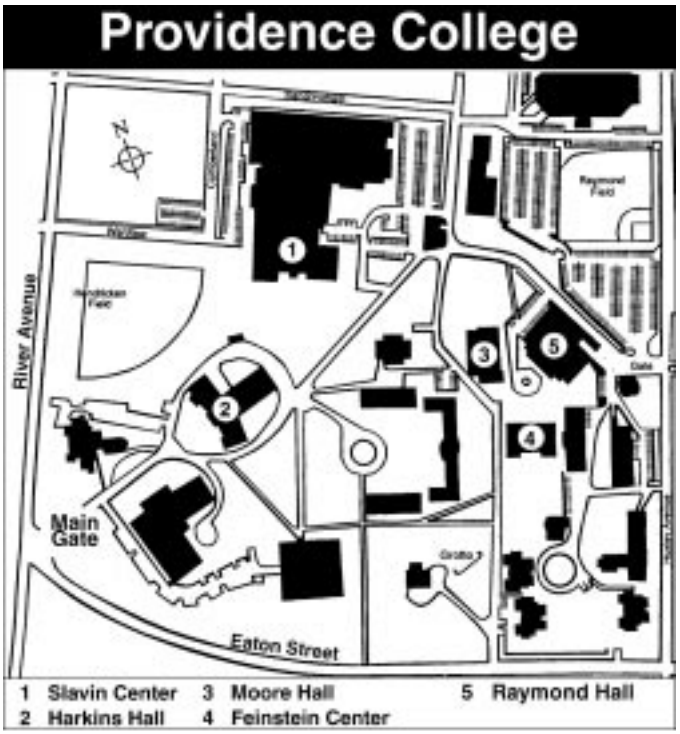
Parking

Parking on campus is complimentary. Enter campus through the main gate on Easton Street and a guard will direct you to parking.

Registration and Meeting Information

Registration will take place in the lounge in Slavin Center from 7:30 a.m. to 4:00 p.m. on Saturday, and 8:00 a.m. to noon on Sunday. Invited Addresses will take place in '64 Hall, Slavin Center; other sessions will be held in Slavin Center, Harkins Hall, Feinstein Center, and Moore Hall.

Registration fees (payable on-site only) are $30/AMS or CMS members; $45/nonmembers; $10/emeritus members, students, or unemployed mathematicians. Fees are payable by cash, check, VISA, MasterCard, Discover, or American Express.



Travel

The nearest airport is the T. F. Greene Airport, about a 15- to 20-minute ride from campus.

Delta Air Lines has been selected as the official airline for this meeting. The following specially negotiated rates are available exclusively to mathematicians and their families for the period September 29–October 5, 1999, on Delta Air Lines:

5% discount off published round-trip fares within the continental U.S., Hawaii, Alaska, Canada, Mexico, Bermuda, San Juan, Nassau, and the U.S. Virgin Islands. Some restrictions apply and seats are limited (no discounts apply on Delta Express). By purchasing your ticket 60 days or more prior to departure, you can receive an additional 5% bonus discount.

10% discount on Delta's domestic system for travel based on the published unrestricted round-trip coach (Y06) rates. No advance reservations or ticketing is required; however, by purchasing your ticket 60 days or more prior to departure, you can receive an additional 5% bonus discount. (No discounts on Delta Express.)

Special guaranteed round-trip Zone Fares to all cities served by Delta and Delta Express in the continental U.S., Hawaii, Alaska, Canada, Mexico, Bermuda, San Juan, Nassau, and the U.S. Virgin Islands for savings on midweek travel: two-day minimum stay, no Saturday night stay required, seven days advanced reservations and ticketing. Fares are fully refundable, less administrative service fee. Zone Fares are not valid for destinations served only by a Delta Connection carrier. For reservations call (or have your travel agent call) Delta Meeting Network Reservations at 800-241-6760 weekdays between 7:30 a.m. and 11:00 p.m. (8:30 a.m.-11:00 p.m. on weekends) Eastern Standard Time. Refer to file number 117809A. These discounts are available only through Delta Meeting Network Reservation toll-free number.

Taxi fare from the airport to campus or the hotel is about $23.

Driving Directions

If driving from the airport or points south of Providence, take I-95 North to Rhode Island Exit 23 (State Offices). Bear right onto Orms Street. Proceed .3 miles along Orms Street to second traffic light at Smith Street (Route 44). Turn right onto Smith Street and proceed 1 mile along Smith Street to the third light at River Avenue. Turn right onto River Avenue and proceed .2 miles to the light at Eaton Street. The gate of the campus will be on your right.

From the North: Follow I-95 South to Rhode Island Exit 23 (Charles Street). Proceed right onto Charles Street and go .2 miles to the first light at Admiral Street. Take a left onto Admiral Street and proceed approximately 1.2 miles to the third light at River Avenue. Take a left onto River Avenue to the next light (.4 miles) at Eaton Street. The gate of the campus will be on your left.

From Albany and Western Massachusetts using I-90: Take I-90 East to Exit 10A which will lead you to Route 146 South (Providence). For almost an hour, follow Route 146 South into Providence to the Admiral Street exit. Take a right onto Admiral Street and proceed approximately 1.1 miles to the second light at River Avenue. Take a left onto River Avenue and continue as above.

From Hartford and Central Connecticut: Take I-84 to Route 2 East. Follow Route 2 East to Norwich, CT and then take I-395 North. Proceed along I-395 North to Route 6 East. Take Route 6 East into Johnston, RI. Proceed along Route 6 East to Route 10 North to the Dean Street/Atwells Avenue exit. At the top of exit ramp, turn left onto Dean Street and proceed approximately .7 miles to the sixth traffic light at Smith Street (Route 44). Dean Street's name will change into Raymond Street and then to Oakland Avenue. Turn left onto Smith Street and proceed along Smith Street for .6 miles to the first set of traffic lights at River Avenue. Turn right onto River Avenue and proceed .2 miles to the light at Eaton Street. The gates of the campus will be on your right.

Weather

Average high temperatures can be in the 60°range but the evenings can be chilly. A sweater and/or light coat is recommended. Rain is possible but snow is not expected in October.

Austin, Texas

University of Texas-Austin

October 8–10, 1999

Meeting #948

Central Section
Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: June 1999
Program first available on eMATH: August 25, 1999
Program issue of electronic *Notices*: December 1999
Issue of *Abstracts*: Volume 20, Issue 4

Deadlines

For organizers: Expired
For consideration of contributed papers in Special Sessions: Expired
For abstracts: August 11, 1999

Invited Addresses

Mikhail Kapranov, Northwestern University, *Title to be announced.*

John Roe, Oxford and Pennsylvania State University, *Large scale geometric invariants of elliptic operators.*

Catherine Sulem, University of Toronto, *The nonlinear Schrodinger equation: Self-focusing and wave collapse.*

Tatiana Toro, University of Washington, *Characterization of non-smooth domains via potential theory.*

Special Sessions

Aperiodic Tiling (Code: AMS SS D1), **Charles Radin** and **Lorenzo Sadun**, University of Texas, Austin.

Banach and Operator Spaces: Isomorphic and Geometric Structure (Code: AMS SS E1), **Edward Odell** and **Haskell P. Rosenthal**, University of Texas, Austin.

DNA Topology (Code: AMS SS J1), **Isabel K. Darcy**, University of Texas, Austin, and **Makkuni Jayaram**, University of Texas, Austin.

Dehn Surgery and Kleinian Groups (Code: AMS SS L1), **John Luecke** and **Alan Reid**, University of Texas, Austin.

Dynamical Systems (Code: AMS SS S1), **David Delatte**, **R. Daniel Mauldin**, **Mariusz Urbanski**, and **Luca Quardo Zamboni**, University of North Texas.

Free Surface Interfaces and PDEs (Code: AMS SS K1), **Kirk Lancaster**, Wichita State University, and **Thomas Vogel**, Texas A&M University.

Harmonic Analysis and PDEs (Code: AMS SS C1), **William Beckner** and **Luis A. Caffarelli**, University of Texas at Austin, **Toti Daskalopoulos**, University of California, Irvine, and **Tatiana Toro**, University of Washington.

Interconnections Among Diophantine Geometry, Algebraic Geometry, and Value Distribution Theory (Code: AMS SS Q1), **William Cherry**, University of North Texas, **Min Ru**, University of Houston, and **Felipe Voloch**, University of Texas, Austin.

Mathematical Problems in Transport Phenomena (Code: AMS SS M1), **Jose Antonio Carrillo** and **Irene M. Gamba**, University of Texas, Austin.

Mathematical and Computational Finance (Code: AMS SS H1), **Stathis Tompaidis**, University of Texas, Austin.

Nonlinear Dynamics (Code: AMS SS G1), **Robert J. McCann** and **Catherine Sulem**, University of Toronto.

Recent Developments in Index Theory (Code: AMS SS F1), **Daniel S. Freed**, University of Texas, Austin, and **John Roe**, Pennsylvania State University.

The Development of Topology in the Americas (Code: AMS SS A1), **Cameron Gordon**, University of Texas, Austin, and **Ioan Mackenzie James**, University of Oxford.

The Diverse Mathematical Legacy of Jean Leray (Code: AMS SS N1), **Eric M. Friedlander**, Northwestern University, and **Susan J. Friedlander**, University of Illinois, Chicago.

Theoretical, Computational and Experimental Aspects of Mechanics (Code: AMS SS P1), **Jerry Bona**, **Steven Levandosky**, and **Jiahong Wu**, University of Texas, Austin.

Topology of Continua (Code: AMS SS R1), **Wayne Lewis** and **Carl Seaquist**, Texas Tech University.

Wavelets and Approximation Theory (Code: AMS SS B1), **Don Hong**, Eastern Tennessee State University, and **Michael Prophet**, Murray State University.

Charlotte, North Carolina

University of North Carolina, Charlotte

October 15–17, 1999

Meeting #949

Southeastern Section
Associate secretary: John L. Bryant
Announcement issue of *Notices*: August 1999
Program first available on eMATH: September 1, 1999
Program issue of electronic *Notices*: December 1999
Issue of *Abstracts*: Volume 20, Issue 4

Deadlines

For organizers: Expired
For consideration of contributed papers in Special Sessions: Expired
For abstracts: August 18, 1999

Invited Addresses

Valery Alexeev, University of Georgia, *Title to be announced.*

Béla Bollobás, University of Memphis and Cambridge University, *Title to be announced.*

Konstantin M. Mischaikow, Georgia Institute of Technology, *Title to be announced.*

Yakov Sinai, Princeton University, *Title to be announced.*

Special Sessions

Algebraic Geometry (Code: AMS SS K1), **Valery Aleexev**, **William Graham**, **Roy C. Smith**, and **Robert Varley**, University of Georgia.

Applied Probabilistic Combinatorics (Code: AMS SS N1), **Béla Bollobás**, University of Memphis, and **Gregory Sorkin**, IBM T. J. Watson Research Center.

Commutative Algebra (Code: AMS SS B1), **Sarah Glaz**, University of Connecticut, and **Evan G. Houston** and **Thomas G. Lucas**, University of North Carolina at Charlotte.

Contemporary Methods in Dynamics and Differential Equations (Code: AMS SS J1), **Robert W. Ghrist** and **Konstantin M. Mischaikow**, Georgia Institute of Technology.

Gauge Theory and Low-Dimensional Topology (Code: AMS SS L1), **Eric P. Klassen**, Florida State University, and **Paul A. Kirk**, Indiana University.

Geometric Function Theory (Code: AMS SS H1), **David A. Herron**, University of Cincinnati, and **Shanshuang Yang**, Emory University.

Knot Theory and Its Applications (Code: AMS SS A1), **Yuanan Diao**, University of North Carolina at Charlotte.

Operator Theory, including Applications in Operator Algebras and Wavelets (Code: AMS SS F1), **Alan L. Lambert** and **Xingde Dai**, University of North Carolina at Charlotte.

Optimal Control and Computational Optimization (Code: AMS SS D1), **Mohammed A. Kazemi**, University of North Carolina at Charlotte, and **Gamal N. Elnagar**, University of South Carolina Spartanburg.

Set-Theoretic Topology (Code: AMS SS G1), **Ronald F. Levy**.

Spectral Theory of Differential Operators and Applications (Code: AMS SS C1), **Boris R. Vainberg** and **Stanislav Molchanov**, University of North Carolina at Charlotte.

Stochastic PDEs and Turbulence (Code: AMS SS E1), **Weinan E**, Courant Institute, New York University.

Stochastic Processs and Control (Code: AMS SS M1), **Volker Wihstutz** and **Alexander A. Yushkevich**, University of North Carolina at Charlotte.

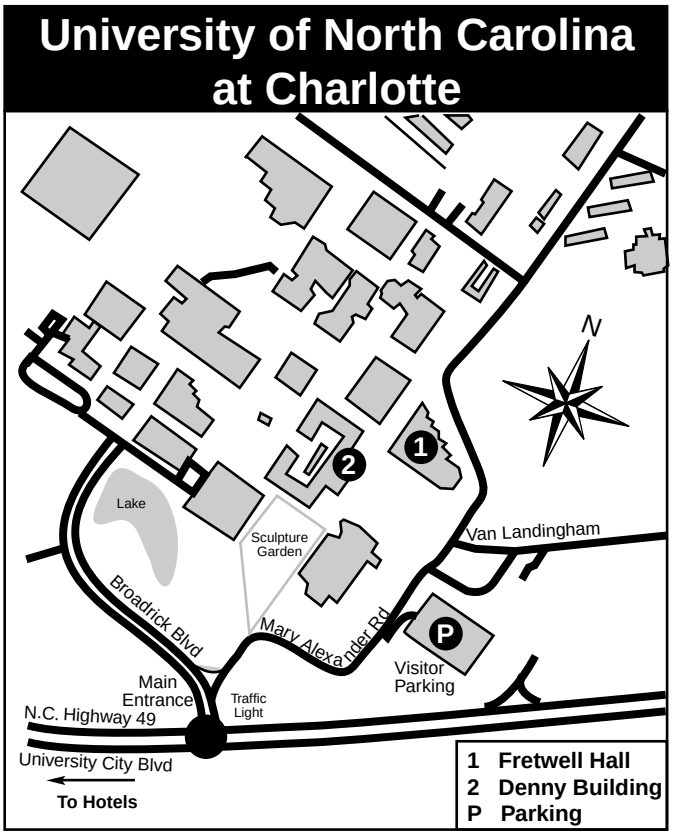
Accommodations

Participants should make their own arrangements directly with a hotel of their choice. Special rates have been negotiated at the hotels listed below. All rates quoted do not include sales tax of 12.5%. When making a reservation, participants should state they are attending the American Mathematics meeting on the UNC campus, and cite any special codes below. N.B. This is a popular tourist destination in the fall, so **participants should make reservations as soon as possible**. Many of these and other hotels will be fully booked during the meeting weekend.

Please note that none of the hotels is within easy walking distance of the meeting, and all are within the same general area. While the UNC Department of Mathematics will operate limited van service between the hotels and the meeting site, participants are encouraged to consider sharing the cost of a rental car.

Drury Inn & Suites, 415 West W.T. Harris Blvd., 704-593-0700; $59.95/double or queen, $66.95/king deluxe, 2.4 miles from the meeting. Deadline for reservations is September 30, 1999.

Hampton Inn, 8419 N. Tryon St., 704-548-0905; $72/single/double/king deluxe, includes continental breakfast, 2.2 miles from the meeting. Please cite reservation code AMS; deadline for reservations is September 13, 1999.



Holiday Inn, 8520 University Executive Park Drive, 704-547-0999; $79/single and $89/double, 2.4 miles from the meeting. Deadline for reservations is September 13, 1999.

Food Service and Local Information

Limited dining facilities are available on campus on Friday and Saturday. There are many restaurants within walking distance of the hotels and within a short drive of the campus. Further details about dining and other conference details will be available at the registration desk and at the department's Web site at `http://www.math.uncc.edu/`.

Parking

The visitors' parking deck will be open throughout the meeting. The cost is $3.00 on Friday; parking is free on Saturday and Sunday. The lot is accessed via Mary Alexander Road from NC Highway 49 (bear right after entering the campus).

Registration and Meeting Information

Registration will take place in the atrium on the first floor of Fretwell Building on Friday, 12:30 p.m. to 6:00 p.m., and Saturday, 8:00 a.m. to 5:00 p.m. The Invited Addresses and Special Sessions will take place in Denny and Fretwell Buildings.

Registration fees: (payable on-site only) $30/AMS or CMS members; $45 nonmembers; $10 emeritus members, students, or unemployed mathematicians. Fees are payable by cash, check, VISA, MasterCard, Discover, or American Express.

Travel

Charlotte/Douglas International Airport is the nearest airport. Taxi fare from the airport to the campus is about $28. There is also a limousine service which charges $16 for one person. Because of the high cost of commercial transportation and the lack of hotels within easy walking distance, participants are encouraged to consider sharing the cost of a rental car.

Delta Air Lines has been selected as the official airline for this meeting. The following specially negotiated rates are available exclusively to mathematicians and their families for the period October 12–20, 1999, on Delta Air Lines:

5% discount off published round-trip fares within the continental U.S., Hawaii, Alaska, Canada, Mexico, Bermuda, San Juan, Nassau, and the U.S. Virgin Islands. Some restrictions apply and seats are limited (no discounts apply on Delta Express). By purchasing your ticket 60 days or more prior to departure, you can receive an additional 5% bonus discount.

10% discount on Delta's domestic system for travel based on the published unrestricted round-trip coach (Y06) rates. No advance reservations or ticketing is required; however, by purchasing your ticket 60 days or more prior to departure, you can receive an additional 5% bonus discount. (No discounts on Delta Express)

Special guaranteed round-trip Zone Fares to all cities served by Delta and Delta Express in the continental U.S., Hawaii, Alaska, Canada, Mexico, Bermuda, San Juan, Nassau, and the U.S. Virgin Islands for savings on midweek travel: two-day minimum stay, no Saturday night stay required, seven days advanced reservations and ticketing. Fares are fully refundable, less administrative service fee. Zone Fares are not valid for destinations served only by a Delta Connection carrier. For reservations call (or have your travel agent call) Delta Meeting Network Reservations at 800-241-6760 weekdays between 7:30 a.m. and 11:00 p.m. (8:30 a.m.-11:00 p.m. on weekends) Eastern Standard Time. Refer to file number 117809A. These discounts are available only through Delta Meeting Network Reservation toll-free number.

Driving directions: From the airport, follow the signs to I-85 North. From I-85 take the Harris Blvd. exit. The hotels are a short distance east of this exit. To reach the campus, proceed east on Harris and exit onto Hwy. 49. Turn left on 49, and proceed to the main entrance of the campus.

Weather

Typically, Charlotte weather in October is mild and dry. Highs and lows average 72 and 51 degrees, respectively.

Washington, District of Columbia

Marriott Wardman Park Hotel and Omni Shoreham Hotel

January 19–22, 2000

Note: This is a World Math Year 2000 (WMY2000) event.

Meeting #950

Joint Mathematics Meetings, including the 106th Annual Meeting of the AMS, 83rd Meeting of the Mathematical Association of America (MAA), with minisymposia and other special events contributed by the Society for Industrial and Applied Mathematics (SIAM), and the annual meetings of the Association for Women in Mathematics (AWM) and the National Association of Mathematicians (NAM).
Associate secretary: Bernard Russo
Announcement issue of *Notices*: October 1999
Program first available on eMATH: November 1, 1999
Program issue of electronic *Notices*: January 2000
Issue of *Abstracts*: Volume 21, Issue 1

Deadlines

For organizers: Expired
For consideration of contributed papers in Special Sessions: August 10, 1999
For abstracts: October 5, 1999
For summaries of papers to MAA organizers: September 9, 1999

Joint Invited Addresses

Brian Greene, Columbia University, *Title to be announced.*

George C. Papanicolaou, Stanford University, *Title to be announced.*

Alexander R. Its, Indiana University-Purdue University, Indianapolis, *Title to be announced.*

Joint Special Sessions

Innovative Development Programs for Teaching Assistants and Part-Time Instructors (Code: AMS SS D1), **Suzanne M. Lenhart**, University of Tennessee.

Linear Algebra and Optimization (Code: AMS SS C1), **Dianne P. O'Leary**, University of Maryland, College Park, and **Margaret H. Wright**, Bell Laboratories.

Mathematics and Education Reform (Code: AMS SS P1), **William H. Barker**, Bowdoin College, **Jerry L. Bona**, University of Texas at Austin, **Naomi Fisher**, University of Illinois at Chicago, and **Kenneth C. Millett**, University of California, Santa Barbara.

The History of Mathematics (Code: AMS SS E1), **Karen H. Parshall**, University of Virginia, and **David E. Zitarelli**, Temple University.

AMS Invited Addresses

Sun-Yung Alice Chang, University of California, Los Angeles, *Title to be announced*.

Thomas C. Hales, University of Michigan, Ann Arbor, *Title to be announced*.

Alexander R. Its, Indiana University-Purdue University, Indianapolis, *Title to be announced*.

Arthur M. Jaffe, Harvard University, *Title to be announced* (AMS Retiring Presidential Address).

M. Lyubich, SUNY at Stony Brook, *Title to be announced*.

Curtis T. McMullen, Harvard University, *Title to be announced* (AMS Colloquium Lectures.

Roger Penrose, Oxford University, *Title to be announced* (AMS Josiah Willard Gibbs Lecture).

AMS Special Sessions

Beautiful Graph Theory (Code: AMS SS J1), **Gary Chartrand**, Western Michigan University, and **Frank Harary**, New Mexico State University.

Complex Hyperbolic Geometry and Conformal Geometry of the Heisenberg Group (Code: AMS SS K1), **William M. Goldman**, University of Maryland, and **Hanna M. Sandler**, American University.

Difference Equations and Their Applications in Social and Natural Sciences (Code: AMS SS V1), **Hassan Sedaghat**, Virginia Commonwealth University, **Abdul Aziz Yakubu**, Howard University, **Gerry Ladas**, University of Rhode Island, and **Saber Elaydi**, Trinity University.

Ergodic Theory and Topological Dynamics of Z^d and R^d Actions (Code: AMS SS R1), **E. Arthur Robinson**, George Washington University, and **Ayşe A. Şahin**, North Dakota State University.

Geometric Analysis (Code: AMS SS G1), **Paul C. Yang**, University of Southern California, and **Matthew J. Gursky**, Indiana University.

Homotopy Theory (Code: AMS SS Q1), **W. Stephen Wilson** and **Jack Morava**, Johns Hopkins University.

Integral Equations and Applications (Code: AMS SS U1), **Constantin Corduneanu**, University of Texas at Arlington, and **Mehran Mahdavi**, Bowie State University.

Invariants of Knots and 3-Manifolds (Code: AMS SS L1), **Dubravko Ivansic**, George Washington University, **Mark E. Kidwell**, U.S. Naval Academy, **Jozef H. Przytycki** and **Yongwu Rong**, George Washington University, and **Ted Stanford**, U. S. Naval Academy.

Mathematical Aspects of Consensus Theory (Code: AMS SS B1), **Melvin F. Janowitz**, University of Massachusetts, Amherst.

Mathematical Reviews (Code: AMS SS F1), **Jane E. Kister**, *Mathematical Reviews*.

Mistaken Philosophies in Mathematics Education (Code: AMS SS Z1), **Seymour Lipschutz**, Temple University.

Nonlinear Eigenvalue Problems and Applications (Code: AMS SS N1), **Alfonso Castro**, University of Texas at San Antonio, and **Maya Chhetri** and **Ratnasingham Shivaji**, Mississippi State University.

Operator Algebras (Code: AMS SS X1), **May M. Nilsen**, University of Nebraska, Lincoln, and Texas A&M University, and **David R. Pitts**, University of Nebraska, Lincoln.

Operator Theory, Systems Theory, and Interpolation in Several Complex Variables (Code: AMS SS H1), **Joseph A. Ball**, Virginia Polytech Institute & State University, and **Cora S. Sadosky**, Howard University.

Quantum Computation and Information (Code: AMS SS M1), **Samuel J. Lomonaco Jr.**, University of Maryland, Baltimore County, and **Howard E. Brandt**, Army Research Labs.

Research in Mathematics by Undergraduates (Code: AMS SS Y1), **Darin R. Stephenson**, Hope College, and **Leonard A. VanWyk**, James Madison University.

Singularities in Algebraic and Analytic Geometry (Code: AMS SS S1), **Ruth I. Michler**, University of North Texas, and **Caroline Melles**, U. S. Naval Academy.

The Feynman Integral and Applications (Code: AMS SS A1), **Michel L. Lapidus**, University of California, Riverside, and **Gerald W. Johnson**, University of Nebraska.

The History of Topology (in honor of Ralph Krause) (Code: AMS SS T1), **Jack Morava**, Johns Hopkins University.

Santa Barbara, California

University of California, Santa Barbara

March 11–12, 2000

Meeting #951

Western Section
Associate secretary: Bernard Russo
Announcement issue of *Notices*: January 2000
Program first available on eMATH: February 3, 2000
Program issue of electronic *Notices*: May 2000
Issue of *Abstracts*: Volume 21, Issue 2

Deadlines

For organizers: August 11, 1999
For consideration of contributed papers in Special Sessions: November 23, 1999
For abstracts: January 18, 2000

Lowell, Massachusetts

University of Massachusetts, Lowell

April 1–2, 2000

Meeting #952

Eastern Section
Associate secretary: Lesley M. Sibner
Announcement issue of *Notices*: February 2000
Program first available on eMATH: February 24, 2000
Program issue of electronic *Notices*: June/July 2000
Issue of *Abstracts*: Volume 21, Issue 2

Deadlines

For organizers: September 1, 1999
For consideration of contributed papers in Special Sessions: December 14, 1999
For abstracts: February 8, 2000

Invited Addresses

Walter Craig, Brown University, *Title to be announced*.

Erwin Lutwak, Polytechnic University, *Title to be announced*.

Alexander Nabutovsky, Courant Institute of Mathematical Sciences, NYU, *Title to be announced*.

Mary Beth Ruskai, University of Massachusetts, Lowell, *Title to be announced*.

Special Sessions

Combustion Theory (Code: AMS SS D1), **James Graham-Eagle**, University of Massachusetts, Lowell, and **Daniel A. Schult**, Colgate University.

Ergodic Theory and Dynamical Systems (Code: AMS SS C1), **Stanley J. Eigen**, Northeastern University, and **Vidhu S. Prasad**, University of Massachusetts, Lowell.

Invariance in Convex Geometry (Code: AMS SS A1), **Daniel A. Klain**, Georgia Institute of Technology, and **Elisabeth Werner**, Case Western Reserve University.

Quantum Information Theory (Code: AMS SS B1), **Mary Beth Ruskai**, University of Massachusetts, Lowell, and **Christopher K. King**, Northeastern University.

Szygies (Code: AMS SS E1), **Irena Peeva**, Cornell University.

Notre Dame, Indiana

University of Notre Dame

April 7–9, 2000

Meeting #953

Central Section
Associate secretary: Susan J. Friedlander
Announcement issue of *Notices*: February 2000
Program first available on eMATH: February 24, 2000
Program issue of electronic *Notices*: June/July 2000
Issue of *Abstracts*: Volume 21, Issue 2

Deadlines

For organizers: September 7, 1999
For consideration of contributed papers in Special Sessions: December 21, 1999
For abstracts: February 15, 2000

Special Sessions

Algebraic Coding Theory (Code: AMS SS K1), **Judy Walker**, University of Nebraska, and **Jay Wood**, Purdue University Calumet.

Algebraic Geometry (Code: AMS SS F1), **Karen Chandler** and **Scott Nollet**, University of Notre Dame.

Commutative Algebra (Code: AMS SS A1), **Juan Migliore**, University of Notre Dame, and **Chris Peterson**, Washington University.

Differential Geometry and its Applications (Code: AMS SS B1), **Jianguo Cao**, **Brian Smyth**, and **Frederico Xavier**, University of Notre Dame.

Homotopy Theory (Code: AMS SS H1), **William G. Dwyer**, University of Notre Dame, and **Michele Intermont**, Kalamazoo College.

Integrable Systems and Nonlinear Waves (Code: AMS SS E1), **Mark S. Alber** and **Gerard Misiolek**, University of Notre Dame.

Microlocal Analysis and Partial Differential Equations (Code: AMS SS D1), **Nicholas Hanges**, CUNY, Lehman College, and **Alex Himonas**, University of Notre Dame.

Nonlinear Partial Differential Equations (Code: AMS SS J1), **Qing Han** and **Bei Hu**, University of Notre Dame, and **Hong-Ming Yin**, Washington State University.

Optimization and Numerical Analysis (Code: AMS SS C1), **Leonid Faybusovich**, University of Notre Dame.

Several Complex Variables (Code: AMS SS G1), **Jeffrey Diller**, University of Notre Dame, and **Nancy Stanton**, University of Notre Dame.

Lafayette, Louisiana

University of Southwestern Louisiana

April 14–16, 2000

Meeting #954

Southeastern Section
Associate secretary: John L. Bryant
Announcement issue of *Notices*: February 2000
Program first available on eMATH: March 2, 2000
Program issue of electronic *Notices*: June/July 2000
Issue of *Abstracts*: Volume 21, Issue 2

Deadlines

For organizers: September 14, 1999

For consideration of contributed papers in Special Sessions: December 28, 1999
For abstracts: February 22, 2000

Special Sessions

Mathematical Models in the Biological and Physical Sciences (Code: AMS SS B1), **Lan Ke**, **Robert D. Sidman**, and **Azmy Simaan Ackleh**, University of Southwestern Louisiana.

Nonlinear Differential Equations and Their Applications (Code: AMS SS C1), **C. Y. Chan**, **Keng Deng**, and **A. S. Vatsala**, University of Southwestern Louisiana.

Rings and Their Generalizations (Code: AMS SS A1), **Gary F. Birkenmeier** and **Henry E. Heatherly**, University of Southwestern Louisiana.

Scientific Computing (Code: AMS SS D1), **R. Baker Kearfott**, **Qin Sheng**, and **Christo Christov**, University of Southwestern Louisiana.

Odense, Denmark

Odense University

June 13–16, 2000

Meeting #955

First AMS-Scandinaivan International Mathematics Meeting. Sponsored by the AMS, Dansk Matematisk Forening, Suomen matemaattinen yhdistys, Icelandic Mathematical Society, Norsk Matematisk Forening, and Svenska matematikersamfundet.
Associate secretary: Robert M. Fossum
Announcement issue of *Notices*: To be announced
Program first available on eMATH: N/A
Program issue of electronic *Notices*: N/A
Issue of *Abstracts*: N/A

Deadlines

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

Invited Addresses

Tobias Colding, Courant Institute, New York University, *Title to be announced.*

Nigel J. Hitchin, University of Oxford, *Title to be announced.*

Pertti Mattila, University of Jyväskylä, *Title to be announced.*

Curtis T. McMullen, Harvard University, *Title to be announced.*

Alexei N. Rudakov, Norwegian University of Science & Technology, *Title to be announced.*

Dan Voiculescu, University of California, Berkeley, *Title to be announced.*

Special Sessions

Algebraic Groups and Representation Theory, **Henning Haahr Andersen** and **Niels Lauritzen**, Aarhus University.

Differential Geometry, **Claude R. LeBrun**, State University of New York at Stony Brook, and **Peter Petersen**, University of California, Los Angeles.

Discrete Mathematics, **Iiro S. Honkala**, University of Turku, and **Carsten Thomassen**, Technical University of Denmark.

Dynamical Systems, **Michael Benedicks**, Royal Institute of Science, Stockholm, and **Carsten Lunde Petersen**, Roskilde.

Geometric Analysis/PDE, **Gerd Grubb**, University of Copenhagen, and **Bent Orsted**, Odense University.

K-Theory and Operator Algebras, **Soren Eilers**, University of Copenhagen, and **Nigel D. Higson**, Pennsylvania State University.

Mathematical Physics, **Bergfinnur Durhuus**, University of Copenhagen.

Stochastic DE and Financial Mathematics, **Tomas Björk**, University of Stockholm, and **Bernt Oksendal**, University of Oslo.

Los Angeles, California

University of California-Los Angeles

August 7–12, 2000

Note: This is a World Math Year 2000 (WMY2000) event.

Meeting #956

Associate secretary: Robert J. Daverman
Announcement issue of *Notices*: May 2000
Program first available on eMATH: May 24, 2000
Program issue of electronic *Notices*: October 2000
Issue of *Abstracts*: Volume 21, Issue 3

Deadlines

For organizers: N/A
For consideration of contributed papers in Special Sessions: N/A
For abstracts: May 10, 2000

Invited Addresses

James G. Arthur, University of Toronto, *will speak on automorphic forms and the Langlands program.*

Michael V. Berry, H. H. Wills Physics Laboratory, *will speak on waves, geometry, and arithmetic*.

Haim Brezis, University of Paris XI and Rutgers University, *Title to be announced*.

Alain Connes, Institut des Hautes Études Scientifiques, *Title to be announced*.

David L. Donoho, Stanford University, *Title to be announced*.

Charles L. Fefferman, Princeton University, *Title to be announced*.

Ronald L. Graham, AT&T Labs, *Title to be announced* (AMS-MAA President's Lecture).

Helmut H. W. Hofer, New York University-Courant Institute, *will speak on symplectic geometry/dynamical systems*.

Richard M. Karp, University of Washington, *will speak on computational molecular biology*.

Sergiu Klainerman, Princeton University, *Title to be announced*.

Peter D. Lax, New York University-Courant Institute, *will speak on mathematics and computing*.

László Lovász, Yale University, *will speak on discrete mathematics and algorithms*.

David Mumford, Brown University, *will speak on models of perception and inference*.

Peter Sarnak, Princeton University, *Title to be announced*.

Yakov G. Sinai, Princeton University, *will speak on dynamical systems*.

Richard Stanley, Massachusetts Institute of Technology, *Title to be announced*.

Karen Uhlenbeck, University of Texas at Austin, *Title to be announced*.

S.R.S. Varadhan, Courant Institute-New York University, *Title to be announced*.

Edward Witten, Institute for Advanced Study, *will speak on the mathematical impact of quantum fields and strings*.

Shing-Tung Yau, Harvard University, *will speak on geometry and its relation to physics*.

Toronto, Ontario Canada

University of Toronto

September 22–24, 2000

Meeting #957

Central Section
Associate secretary: Susan J. Friedlander
Announcement issue of *Notices*: August 2000
Program first available on eMATH: August 10, 2000
Program issue of electronic *Notices*: November 2000
Issue of *Abstracts*: Volume 21, Issue 3

Deadlines

For organizers: February 2, 2000
For consideration of contributed papers in Special Sessions: June 6, 2000
For abstracts: August 1, 2000

San Francisco, California

San Francisco State University

October 21–22, 2000

Meeting #958

Western Section
Associate secretary: Bernard Russo
Announcement issue of *Notices*: August 2000
Program first available on eMATH: To be announced
Program issue of electronic *Notices*: To be announced
Issue of *Abstracts*: Volume 21, Issue 4

Deadlines

For organizers: March 21, 2000
For consideration of contributed papers in Special Sessions: June 21, 2000
For abstracts: August 29, 2000

New York, New York

Columbia University

November 3–5, 2000

Meeting #959

Eastern Section
Associate secretary: Lesley M. Sibner
Announcement issue of *Notices*: September 2000
Program first available on eMATH: September 28, 2000
Program issue of electronic *Notices*: To be announced
Issue of *Abstracts*: Volume 21, Issue 4

Deadlines

For organizers: April 3, 2000
For consideration of contributed papers in Special Sessions: July 18, 2000
For abstracts: September 12, 2000

Invited Addresses

Paula Cohen, Université des Sciences et Technologies de Lille, France, *will speak on geometry and its relation to physics*.

Alexander I. Suciu, Northeastern University, *Title to be announced*.

Birmingham, Alabama

University of Alabama-Birmingham

November 10–12, 2000

Meeting #960

Southeastern Section
Associate secretary: John L. Bryant
Announcement issue of *Notices*: September 2000
Program first available on eMATH: October 5, 2000
Program issue of electronic *Notices*: To be announced
Issue of *Abstracts*: Volume 21, Issue 4

Deadlines

For organizers: April 10, 2000
For consideration of contributed papers in Special Sessions: July 25, 2000
For abstracts: September 19, 2000

New Orleans, Louisiana

New Orleans Marriott and ITT Sheraton New Orleans Hotel

January 10–13, 2001

Joint Mathematics Meetings, including the 107th Annual Meeting of the AMS, 84th 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).
Associate secretary: Lesley M. Sibner
Announcement issue of *Notices*: October 2000
Program first available on eMATH: To be announced
Program issue of electronic *Notices*: To be announced
Issue of *Abstracts*: Volume 22, Issue 1

Deadlines

For organizers: April 11, 2000
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced
For summaries of papers to MAA organizers: To be announced

Columbia, South Carolina

University of South Carolina

March 16–18, 2001

Southeastern Section
Associate secretary: John L. Bryant
Announcement issue of *Notices*: To be announced
Program first available on eMATH: To be announced
Program issue of electronic *Notices*: To be announced
Issue of *Abstracts*: To be announced

Deadlines

For organizers: August 15, 2000
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

Lawrence, Kansas

University of Kansas

March 30–31, 2001

Central Section
Associate secretary: Susan J. Friedlander
Announcement issue of *Notices*: To be announced
Program first available on eMATH: To be announced
Program issue of electronic *Notices*: To be announced
Issue of *Abstracts*: To be announced

Deadlines

For organizers: June 28, 2000
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

Hoboken, New Jersey

Stevens Institute of Technology

April 28–29, 2001

Eastern Section
Associate secretary: Lesley M. Sibner
Announcement issue of *Notices*: To be announced
Program first available on eMATH: To be announced
Program issue of electronic *Notices*: To be announced
Issue of *Abstracts*: To be announced

Deadlines

For organizers: September 28, 2000
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

Lyon, France

July 17–20, 2001

First Joint International Meeting between the AMS and the Société Mathématique de France.
Associate secretary: Lesley M. Sibner
Announcement issue of *Notices*: To be announced
Program first available on eMATH: 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

Williamstown, Massachusetts

Williams College

October 13–14, 2001

Eastern Section
Associate secretary: Lesley M. Sibner
Announcement issue of *Notices*: To be announced
Program first available on eMATH: To be announced
Program issue of electronic *Notices*: To be announced
Issue of *Abstracts*: To be announced

Deadlines

For organizers: March 11, 2001
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

San Diego, California

San Diego Convention Center

January 6–9, 2002

Joint Mathematics Meetings, including the 108th Annual Meeting of the AMS and 85th Meeting of the Mathematical Association of America (MAA).
Associate secretary: John L. Bryant
Announcement issue of *Notices*: To be announced
Program first available on eMATH: To be announced
Program issue of electronic *Notices*: To be announced
Issue of *Abstracts*: To be announced

Deadlines

For organizers: April 4, 2001
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced
For summaries of papers to MAA organizers: To be announced