
Meetings & Conferences of the AMS

PROGRAM ALERT: 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. What this means is that most meeting programs will appear in the *Notices* ***after*** the meeting takes place. However, complete meeting programs will be available on e-MATH about two to three weeks after the abstract deadline. ***Remember***, e-MATH is your most comprehensive source for up-to-date meeting information. See <http://www.ams.org/meetings/>.

Baltimore, Maryland

Baltimore Convention Center

January 7–10, 1998

Meeting #930

Joint Mathematics Meetings, including the 104th Annual Meeting of the AMS, 81st Annual Meeting of the Mathematical Association of America (MAA), annual meetings of the Association for Women in Mathematics (AWM) and the National Association of Mathematicians (NAM), and the winter meeting of the Association for Symbolic Logic (ASL).

Associate secretary: Robert J. Daverman

Announcement issue of *Notices*: October 1997

Program issue of *Notices*: January 1998

Issue of *Abstracts*: Volume 19, Issue 1

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions: Expired

For abstracts: Expired

For summaries of papers to MAA organizers: Expired

AMS-MAA Event Updates

At the Joint Prize Session on Thursday, the AMS will also present the George David Birkhoff Prize in Applied Mathematics, the Award for Distinguished Public Service, and Citations for Public Service.

AMS Event Updates

Mathematical Reviews (MR) Reception, Friday, 6:00 p.m. to 7:00 p.m. All reviewers are encouraged to come to this reception, as well as others who are interested in *MR*. Members of the *MR* Editorial Committee and the *MR* staff will make some brief comments, and there will be an opportunity for reviewers to ask questions and make comments and suggestions. Refreshments will be provided.

MAA Program Updates

The Calculus War, Leibniz versus Newton, Thursday, 6:30 p.m. to 7:15 p.m. In this dramatic presentation, the characters of Leibniz and Newton appear in costume and present interpretations of their lives and the events surrounding their priority conflict. Those appearing in the presentation are **H. W. Straley**, Woodberry Forest School, VA; **Charlene B. Straley**; and **Chip Straley**, Kaleidoscope Theatre Co., Richmond VA.

Other Organization Program Updates

The panelists for AWM's **panel** on Wednesday include **Deborah Tepper Haimo**, University of California at San Diego; **Rhonda J. Hughes**, Bryn Mawr College; **Craig L. Huneke**, Purdue University; **Stephen F. Kennedy**, Carleton College; **Suzanne M. Lenhart**, University of Tennessee; and **Dawn A. Lott-Crumpler**, New Jersey Institute of Technology. At the conclusion of the panel, AWM will recognize its Alice T. Schafer Prize honorees.

The **Joint Policy Board for Mathematics'** panel discussion on Mathematics Awareness Week (MAW) on Wednesday afternoon is organized by **Ansuman Bagchi**, Worcester Polytechnic Institute.

National Association of Mathematicians

Granville-Brown Session of Presentations by Recent Doctoral Recipients in the Mathematical Sciences, Friday at 2:15 p.m, moderated by **James C. Turner Jr.**, Arizona State University. Presenters include **Errol Rowe**, North Carolina A & T University, *Probabilistic approach to a class of PDE systems*; **Alfred Noel**, Northeastern University, *Maintaining structural properties in numerically solving the differential Riccati equation*; **Michael Keeve**, Norfolk State University, *Solutions of a certain family of diophantine equations of degree 4*; **Alan Togbe**, University of Laval, *New directions in finite termination on techniques*; **Pamela Williams**, Rice University, *Finite sums and products in weak rings*; **Elaine Terry**, St. Joseph's University; and others to be announced.

The Cox-Talbot address will be given after the NAM Banquet on Friday evening by **Nathaniel Pollard Jr.**, Bowie State University, on *Some 21st century challenges and opportunities for minorities in mathematics, science, and engineering*.

NAM's panel discussion on Saturday morning is titled *A profile for an undergraduate in the department of mathematics at a minority institution for the 21st century*, and includes **Genevieve M. Knight**, Coppin State College; **Stella Roberson Ashford**, Southern University; **William A. Hawkins Jr.**, University of the District of Columbia/MAA; and **Tasha Innis**, University of Maryland, College Park, as panelists. **Leon C. Woodson**, Morgan State University, is the moderator.

The Claytor Lecture will be given on Saturday afternoon by **Joshua Leslie**, Howard University, on *Lie's third theorem in infinite dimensions*.

Registration at the Meetings

Individuals who registered by November 20 and who so elected will have their badge and the final program mailed to them before the meetings. All other registrants will receive the final program at the meetings. The additional information below is to assist those who will register at the meetings and those who registered in advance but elected not to receive their badges and final programs by mail.

Advance and on-site meeting registration fees only partially cover expenses of holding meetings. All mathematicians who wish to attend sessions are expected to register and should be prepared to show the meetings badge, if so requested. Badges are required to obtain discounts at the AMS and MAA Book Sales and to cash a check with the meetings cashier. If advance registrants should arrive too late in the day to pick up their badges, they may show the acknowledgment received from the Mathematics Meetings Service Bureau (MMSB) as proof of registration.

Registration fees may be paid at the meetings in cash, by personal or traveler's check, or by VISA, MasterCard, American Express, or Discover. Letters verifying attendance at the meetings can be obtained from the cashier or at the Registration Assistance section of the Registration Desk.

Participants wishing to attend sessions for one day only may take advantage of a one-day fee. These special fees are effective daily, January 7 through 10, and are available

at the meetings to both members and nonmembers. These one-day fees are not applicable to librarians, high school teachers, unemployed or emeritus participants, or high school, undergraduate, or graduate students.

Joint Mathematics Meetings

Member of AMS, ASL, Canadian Mathematical Society (CMS), MAA	\$202
Emeritus Member of AMS, MAA	\$45
Nonmember	\$312
Temporarily Employed	\$125
Graduate Student/Unemployed	\$45
Librarians/High School Teachers	\$45
Developing Country Participant	\$45
Undergraduate Students	\$26
High School Students	\$5
Guest	\$5

Joint Mathematics Meetings One Day

Member of AMS, CMS, MAA	\$121
Nonmember	\$172

MAA Minicourses (if openings available)

Minicourses #1-4, 10-16	\$45
Minicourses #5-9	\$65

Employment Register

Employer (First Table)	\$250
Employer (Second Table)	\$75
Employer Posting Only	50
Applicant	\$75

AMS Short Course

Student/Unemployed	\$45
Emeritus Member of AMS, MAA	\$45
All Other Participants	\$90

MAA Short Course

MAA member/Joint Meeting participant	\$125
Nonmember/non-Joint Meeting participant	\$75
Student	\$50

Accommodations and Travel

Participants who did not reserve a room during advance registration but who would like to obtain a room at one of the hotels listed on pages 1204 and 1205 in the October issue of the *Notices* should call the hotels directly **after December 19**. However, we regret that after that date the MMSB can no longer guarantee availability of rooms or of the special convention rates.

Please see the October issue for special discount fare information on USAirways, as well as driving directions to the Baltimore Convention Center.

Registration Dates, Times, and Locations

AMS Short Course

Maryland Suites Foyer, Hyatt Regency Baltimore
Monday, January 5 8:00 a.m. to 4:00 p.m.

MAA Short Course

Outside Chesapeake Room, Hyatt Regency Baltimore
Monday, January 5 7:30 a.m. to 9:00 a.m.

Joint Mathematics Meetings and MAA Minicourses

Charles Street Lobby, Baltimore Convention Center

Tuesday, January 6	3:00 p.m. to 7:00 p.m.
Wednesday–Friday, January 7–9	7:30 a.m. to 4:00 p.m.
Saturday, January 10	7:30 a.m. to 2:00 p.m.

Employment Register

Exhibit Hall B, Baltimore Convention Center	
Wednesday, January 7 (registration only)	7:30 a.m. to 4:00 p.m.
Thursday, January 8 (schedule distribution and interviews only)	7:00 a.m. to 4:40 p.m.
Friday, January 9 (interviews only)	8:15 a.m. to 4:40 p.m.

Employment Register participants must register and fill out interview request forms on **Wednesday, January 7**. There will be no registration on Thursday and Friday; only interviews will take place on these days.

Louisville, Kentucky

University of Louisville, Shelby Campus

March 20–21, 1998

Meeting #931

Southeastern Section
Associate secretary: Robert J. Daverman
Announcement issue of *Notices*: January 1998
Program issue of *Notices*: May 1998
Issue of *Abstracts*: Volume 19, Issue 2

Deadlines

For organizers: Expired
For consideration of contributed papers in Special Sessions: Expired
For abstracts: January 28, 1998

Invited Addresses

Anders Björner, Royal Institute of Technology, Stockholm, Sweden, *The combinatorial topology of graph properties*.

Andrew Bruckner, University of California at Santa Barbara, *The X, Y, Z's in the characterization problem for derivatives*.

Philippe DiFrancesco, University of North Carolina at Chapel Hill, *Folding and coloring problems in mathematics and physics*.

Abigail Thompson, University of California at Davis, *Recognizing the 3-sphere*.

Special Sessions

Algebraic Combinatorics (Code: AMS SS N1), **Anders Björner**, Royal Institute of Technology, and **Michelle L. Wachs**, University of Miami.

Applied Probability and Actuarial Science (Code: AMS SS P1), **Grzegorz Rempala**, **Krzysztof Ostraszewski**, **Ewa M. Kubicka**, and **Bogdan Gapinski**, University of Louisville.

Banach Space Theory (Code: AMS SS F1), **Patrick N. Dowling** and **Beata Randrianantoanina**, Miami University, Ohio.

Boundary Value Problems for Differential Equations (Code: AMS SS J1), **Paul W. Eloe**, University of Dayton.

Combinatorics and Enumerative Geometry (Code: AMS SS A1), **Kequan Ding**, University of Illinois, Urbana-Champaign, and **Chi Wang**, University of Louisville.

Combinatorics and Graph Theory (Code: AMS SS B1), **Andre E. Kezdy**, **Grzegorz Kubicki**, and **Jenoe Lehel**, University of Louisville.

Discrete Mathematics, Classification Theory, and Consensus (Code: AMS SS C1), **Robert C. Powers**, University of Louisville.

Fractal Geometry and Related Topics (Code: AMS SS D1), **Ka-Sing Lau**, University of Pittsburgh, and **Weibin Zeng**, University of Louisville.

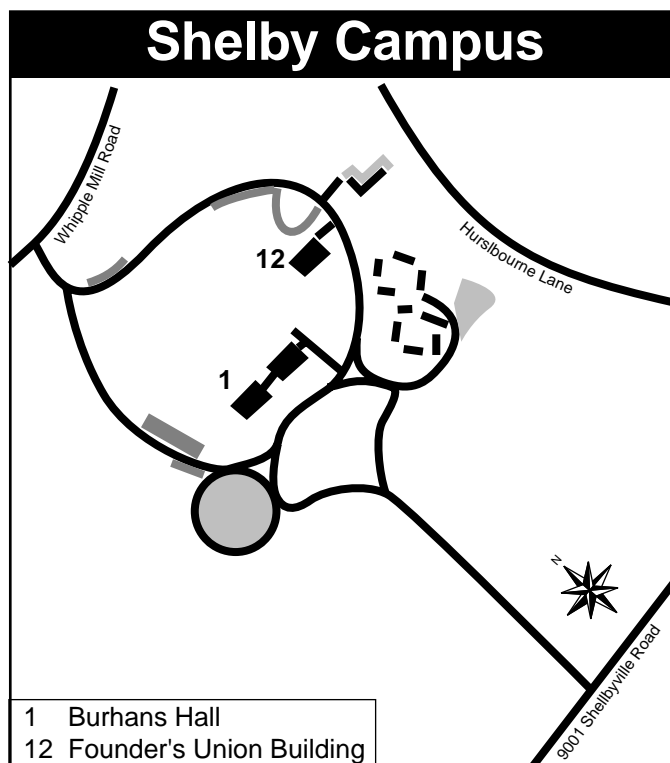
Functional Equations and Inequalities (Code: AMS SS E1), **Thomas Riedel** and **Prasanna Sahoo**, University of Louisville.

Geometry of Affine Space (Code: AMS SS M1), **Gene Freudentburg**, University of Southern Indiana, and **David Wright**, Washington University.

Low-Dimensional Topology (Code: AMS SS R1), **Abigail A. Thompson**, University of California, Davis, and **Martin Scharlemann**, University of California, Santa Barbara.

Modern Function Theory (Code: AMS SS Q1), **David Minda** and **David A. Herron**, University of Cincinnati.

Real Analysis (Code: AMS SS G1), **Udayan B. Darji** and **Lee Larson**, University of Louisville.



Semigroups, Algorithms, and Universal Algebra (Code: AMS SS H1), **Ralph N. McKenzie**, Vanderbilt University, and **Steven Seif**, University of Louisville.

Spectral Geometry (Code: AMS SS K1), **Ruth Gornet**, Texas Tech University, and **Peter Anton Perry**, University of Kentucky.

Spectral Theory, Mathematical Physics, and Disordered Media (Code: AMS SS L1), **Peter David Hislop**, University of Kentucky, and **Gunter H. Stolz**, University of Alabama at Birmingham.

The Use of the History of Mathematics and Science in the University and School Classroom (Code: AMS SS I1), **Richard M. Davitt**, University of Louisville.

Accommodations

Participants should make their own arrangements directly with the hotel of their choice and state that they will be attending the AMS Southeastern Section Meeting. **All rooms will be on a space available basis after the deadline given.** The AMS is not responsible for rate changes or for the quality of the accommodations selected. There is no public transportation from the hotels to the campus and back. The hotels are not within walking distance except the Shelby Campus Dormitories. **The Department of Mathematics has arranged for limited shuttle service between the campus and the area hotels.** There will be one run in the morning and one in the evening. Because of a city-wide truck show the weekend of the meeting, the number of rooms available is very limited. Please make reservations as soon as possible to guarantee accommodations.

University of Louisville, Shelby Campus Dormitories, University of Louisville, Shelby Campus, 502-852-8577; \$13.00 double, \$18.00 single; two rooms share a bath; towels and linens provided; walk to meetings. Deadline is March 9.

Wilson Inn, 9802 Bunsen Parkway; 502-499-0000; \$44.95/2 Queen beds; \$59.95/1 King or 2 Queens w/ sofa; \$54.95 1 King w/sofa; continental breakfast included. Deadline is February 19.

Breckinridge Inn, 2800 Breckinridge Lane; 502-456-5050; \$65/suite (sleeps four), \$85.00/2 Queen beds. Deadline is February 25.

Ramada Inn, 4805 Brownsboro Road; 502-893-2551; \$85.00/1 King or 2 doubles. Deadline is February 19.

Doubletree Club Hotel, 9700 Bluegrass Parkway; 502-491-4830; \$99.00/King or 2 Queen beds; \$10 charge for each additional adult. Deadline is February 26.

Food Service

There will be no food services available on campus because of Spring Break. There are several within walking distance. Listings will be available at the registration desk.

Local Information

For a copy of the visitors guide put together by the Louisville Visitors Bureau call 800-796-5595 or see their Web site at www.louisville-visitors.com. The Department of Mathematics maintains a Web site at www.louisville.edu/a-s/math/.

Other Activities

AMS Book Sale: Examine the newest titles from AMS! Most books will be available at a special 50% discount offered only at meetings. AMS representatives will be on hand to demonstrate and discuss the newest electronic journals, the preprint server and other products and member services available on e-MATH. Complimentary coffee will be served, courtesy of AMS Membership Services.

Parking

Ample free parking will be available next to Burhans Hall throughout the meeting.

Registration and Meeting Information

The registration desk will be located in the lobby of Burhans Hall. The hours of operation will be 7:30 a.m. to 5:00 p.m. on Friday and 7:30 a.m. to noon on Saturday. Lectures will take place in Burhans Hall and the Founders Union Building.

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

Travel

USAirways has been selected as the official airline for the meeting. The AMS can earn complimentary tickets on this carrier. These tickets are used to send meetings staff (not officers or other staff) to Sectional Meetings, thereby keeping the costs of the meeting (and registration fees) down. The following specially negotiated rates are available only for the period March 17-24: 5% discount off first class and any published USAirways promotional round-trip fare, or 10% discount off unrestricted coach fares with seven-day advance reservations and ticketing required. These discounts are valid providing all rules and restrictions are met and are applicable for travel from the continental U.S., Bahamas, Canada, and San Juan, P.R. Discounts are not combinable with other discounts or promotions. Additional restrictions may apply on international travel. For reservations call (or have your travel agent call) 800-334-8644 between 8:00 a.m. and 9:00 p.m. Eastern Daylight Time. Refer to **Gold File Number 73670341**.

Driving: The Shelby Campus of the University of Louisville is located in eastern Jefferson County, just west of Hurstbourne Lane on Shelbyville Road. From Downtown Louisville take I-64 east, from Lexington take I-64 west: Take the north exit on Hurstbourne Lane to Shelbyville Road. Make a left turn onto Shelbyville Road and the campus will be on your right. From Downtown Louisville take I-65 south, from Nashville take I-65 North: To I-264 east to I-64 east. Take the north exit on Hurstbourne Lane to Shelbyville Road and the campus will be on your right. From the airport: Take I-264 east to I-64 east. Take the north exit on Hurstbourne Lane to Shelbyville Road and the campus will be on your right.

Cab fare: The estimated cab fare from the airport to the area hotels or campus is \$20.

Weather: The weather in March is very unpredictable in Louisville. It is often rainy with high temperatures ranging from the 40s to 60s and cool temperatures, in the evening, ranging from the 40s to 50s.

Manhattan, Kansas

Kansas State University

March 27–28, 1998

Meeting #932

Central Section

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: January 1998

Program issue of *Notices*: June 1998

Issue of *Abstracts*: Volume 19, Issue 2

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions: December 10, 1997

For abstracts: February 2, 1998

Invited Addresses

Gopal Prasad, University of Michigan-Ann Arbor, *Title to be announced.*

Mikhail Vishik, University of Texas at Austin, *Title to be announced.*

Clarence Eugene Wayne, Pennsylvania State University, University Park, *Title to be announced.*

Zihong Jeff Xia, Northwestern University, *Title to be announced.*

Special Sessions

Abstract Harmonic Analysis (Code: AMS SS H1), **Sadahiro Saeki**, Kansas State University.

Cohomology of Finite Groups (Code: AMS SS F1), **John S. Maginnis**, Kansas State University, and **Stephen F. Siegel**, University of Massachusetts.

Groups and Geometry (Code: AMS SS I1), **Ernest E. Shult**, Kansas State University.

Integrable systems and their applications. (Code: AMS SS M1), **Kirill L. Vaninsky**, Kansas State University.

Lie Groups, Algebraic Groups, Their Arithmetic and Representation Theory (Code: AMS SS O1), **Gopal Prasad**, University of Michigan-Ann Arbor.

Linear Operators and Holomorphic Function Spaces (Code: AMS SS G1), **V. V. Peller**, Kansas State University.

Mathematics Education and the Internet (Code: AMS SS C1), **Andrew G. Bennett**, Kansas State University.

Nonlinear Problems (Code: AMS SS D1), **Lev Kapitanski**, Kansas State University, and **Clarence Eugene Wayne**, Pennsylvania State University.

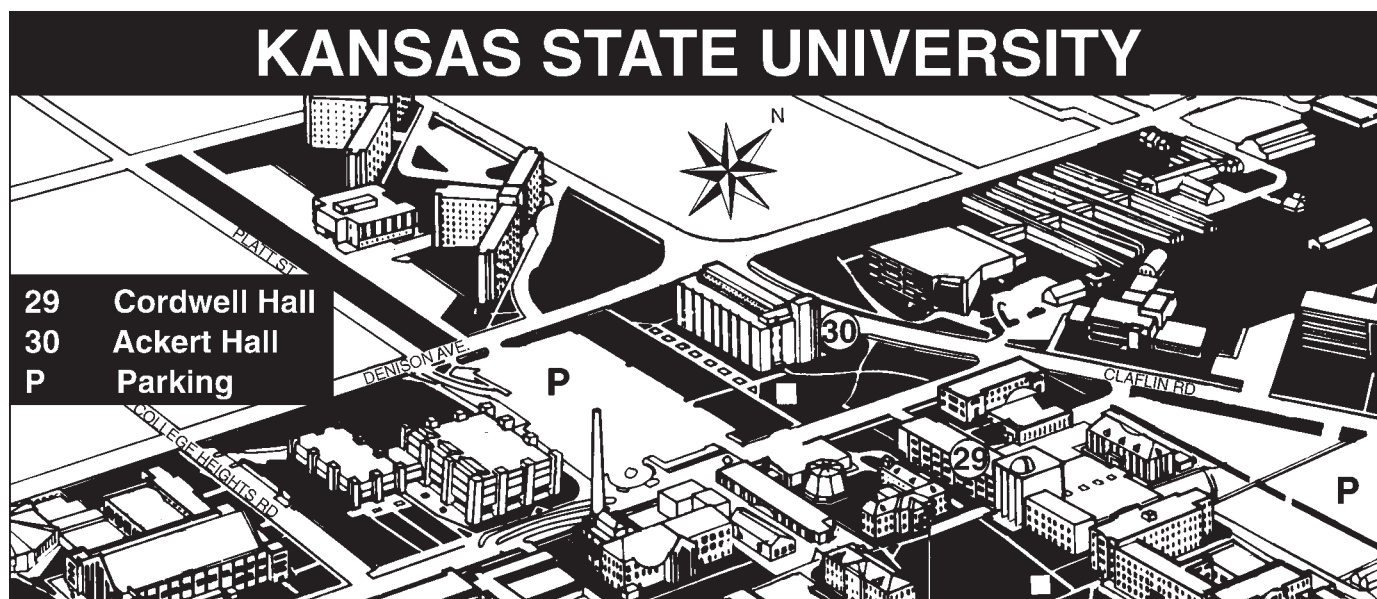
Numerical Analysis and Computational Mathematics (Code: AMS SS L1), **Qisu Zou** and **Huanan Yang**, Kansas State University.

Partial Differential Equations and Inverse Problems (Code: AMS SS A1), **Alexander G. Ramm**, Kansas State University.

Pictorial Methods in Low-Dimensional Topology (Code: AMS SS B1), **David R. Auckly**, University of California Berkeley.

Quantum Groups and Applications (Code: AMS SS J1), **Ya S. Soibelman** and **Volodymyr V. Lyubashenko**, Kansas State University.

Quantum Topology (Code: AMS SS K1), **David N. Yetter** and **Louis Crane**, Kansas State University.



Representation Theory of Lie Algebras, Algebraic Groups and Quantum Groups (Code: AMS SS E1), **Zongzhu Lin**, Kansas State University, and **Daniel Ken Nakano**, Utah State University.

Accommodations

Participants should make their own arrangements directly with the hotel of their choice and state that they will be attending the AMS Central Section Meeting. **The deadline for reservations is March 5.** After that date all rooms will be on a space available basis. The AMS is not responsible for rate changes or for the quality of the accommodations.

Best Western, 100 Bluemont Ave., Manhattan, KS; 785-776-4771 or 800-528-1234; \$40/single and \$44/double; 1.2 miles to meeting.

Holiday Inn, 530 Richards Drive, Manhattan, KS; 785-539-5311; \$65/single or double; 1.8 miles to meeting.

Ramada Inn, 1641 Anderson Ave., Manhattan, KS; 785-539-7531 or 800-228-2828; \$64/single or double; 0.2 miles to meeting.

Food Service

There are a number of restaurants located in Aggieville which is adjacent to the campus. A list of restaurants will be available at the registration desk.

Local Information

Please visit the Web site maintained by the Department of Mathematics at www.ksu.edu/math/.

Other Activities

AMS Book Sale: Examine the newest titles from 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

Participants staying at the Ramada Inn will find it convenient to park in the hotel lot and walk the 0.2 miles to Cardwell Hall. For participants using other accommodations or driving in for the day, on-campus parking convenient to Cardwell and Ackert Halls is available in lots accessible from Denison Avenue and Claflin Avenue. Participants may use any nonreserved spot in lots designated O, W, T or Z. On Friday, parking permits, available at the registration desk from 8:00 a.m. to 11:00 a.m. at the cost of \$1 will be required. Arrangements have been made to allow participants to park, register, and return to place the permit in their cars. Participants arriving on Friday after 11:00 a.m. should get a permit at the Visitors Information Booth located on 17th Street just north of Anderson Avenue near the K-State Union. Permits will not be required on Saturday.

Registration and Meeting Information

The registration desk will be located inside the main entrance to Cardwell Hall, and will be open 8:00 a.m. to 5:00 p.m. on Friday, and 8:00 a.m. to noon on Saturday. Invited Addresses will take place in Cardwell Hall Room 101, and all Special Sessions will take place in Cardwell Hall or Ackert Hall.

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

Travel

By Air: For travelers arriving by air, all flights into Manhattan originate in Kansas City, MO, and are operated by USAir Express. From cities served by USAirways, the least expensive option is usually to fly by USAirways into Manhattan via Kansas City. For travelers using other airlines, it is generally less expensive to fly to Kansas City and use ground transport to Manhattan. Options from KCI to Manhattan by ground are renting a car (one-way driving time approximately 2.3 hours) or using KCI Roadrunner van service (reserve in advance at 800-826-8294—a special conference rate of \$56 round-trip has been arranged). Mention the AMS meeting when reserving to get the special rate.

The following specially negotiated rates are available only for the period November 5–12: 5% discount off first class and any published USAirways promotional round-trip fare, or 10% discount off unrestricted coach fares with seven-day advance reservations and ticketing required. These discounts are valid providing all rules and restrictions are met and are applicable for travel from the continental U.S., Bahamas, Canada, and San Juan, P.R. Discounts are not combinable with other discounts or promotions. Additional restrictions may apply on international travel. For reservations call (or have your travel agent call) 800-334-8644 between 8:00 a.m. and 9:00 p.m. Eastern Daylight Time. **Refer to Gold File Number 73670341.**

Driving: Kansas State University is located in Manhattan, KS, in the Flint Hills of eastern Kansas. Manhattan is 130 miles west of Kansas City, MO, and 140 miles west of the Kansas City International Airport. For travelers arriving by car, those coming from the east on I-70 should take Exit 313 (State Hwy. K-177). Those coming from the west on I-70 should follow the detour signs at Exit 303 and continue on to Exit 304, reversing direction, and exiting at Exit 303 from the west-bound lanes. Take State Hwy. K-18. In both cases, follow signs north to Manhattan and Kansas State University.

Weather: A wide range of weather is possible in Kansas in March. Participants are advised to note regional forecasts near the time of the meeting.

Philadelphia, Pennsylvania

Temple University, Center City (TUCC)

April 4–6, 1998

Meeting #933

Eastern Section

Associate secretary: Lesley M. Sibner

Announcement issue of *Notices*: January 1998

Program issue of *Notices*: June 1998
 Issue of *Abstracts*: Volume 19, Issue 2

Deadlines

For organizers: Expired
 For consideration of contributed papers in Special Sessions: December 17, 1997
 For abstracts: February 11, 1998

Invited Addresses

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

Martin Davis, University of California, Berkeley, *Title to be announced.*

Ezra Getzler, Max-Planck-Institute and Northwestern University, *Title to be announced.*

Yanyan Li, Rutgers University, *Title to be announced.*

Elias M. Stein, Princeton University, *Title to be announced.*

Special Sessions

Differential Geometric Methods in Hydrodynamics (Code: AMS SS J1), **Gerard K. Misiolek**, University of Notre Dame and California Institute of Technology.

Harmonic Analysis and Its Applications to PDEs (Code: AMS SS G1), **Cristian E. Gutierrez**, Temple University, and **Guozhen Lu**, Wright State University.

Heat Kernel Analysis on Lie Groups (Code: AMS SS H1), **Leonard Gross**, Cornell University, and **Omar Hijab**, Temple University.

Mathematical Pedagogy (Code: AMS SS I1), **Orin N. Chein**, Temple University.

Modular Identities and Q-Series in Number Theory (Code: AMS SS A1), **Marvin I. Knopp** and **Boris Datskovsky**, Temple University.

Nonlinear Partial Differential Equations (Code: AMS SS K1), **Yanyan Li**, Rutgers University.

PDEs in Several Complex Variables (Code: AMS SS B1), **Shiferaw Berhanu** and **Gerardo Mendoza**, Temple University.

Radon Transforms and Tomography (Code: AMS SS C1), **Eric L. Grinberg**, Temple University, and **Eric Todd Quinto**, Tufts University.

Rings and Representations (Code: AMS SS E1), **Maria E. Lorenz**, Ursinus College, and **Martin Lorenz**, Temple University.

Sparse Elimination Methods in Polynomial System Solving (Code: AMS SS L1), **Ioannis Z. Emiris**, INRIA, Sophia-Antipolis, France, and **J. Maurice Rojas**, Massachusetts Institute of Technology.

Sparse Matrix Computations (Code: AMS SS M1), **Jesse Barlow**, Pennsylvania State University, and **Daniel B. Szyld**, Temple University.

The History of American Mathematics (Code: AMS SS D1), **David E. Zitarelli**, Temple University, and **Karen H. Parshall**, University of Virginia.

Topology of Manifolds and Varieties (Code: AMS SS F1), **Georgia Triantafyllou**, Temple University, and **Sylvain E. Cappell**, New York University-Courant Institute.

Special Events

The AMS Eastern Section Meeting at Temple University on April 4–6, 1998, will be immediately followed by the Conference in Honor of Leon Ehrenpreis, taking place on Temple University's main campus on Monday and Tuesday April 6–7.

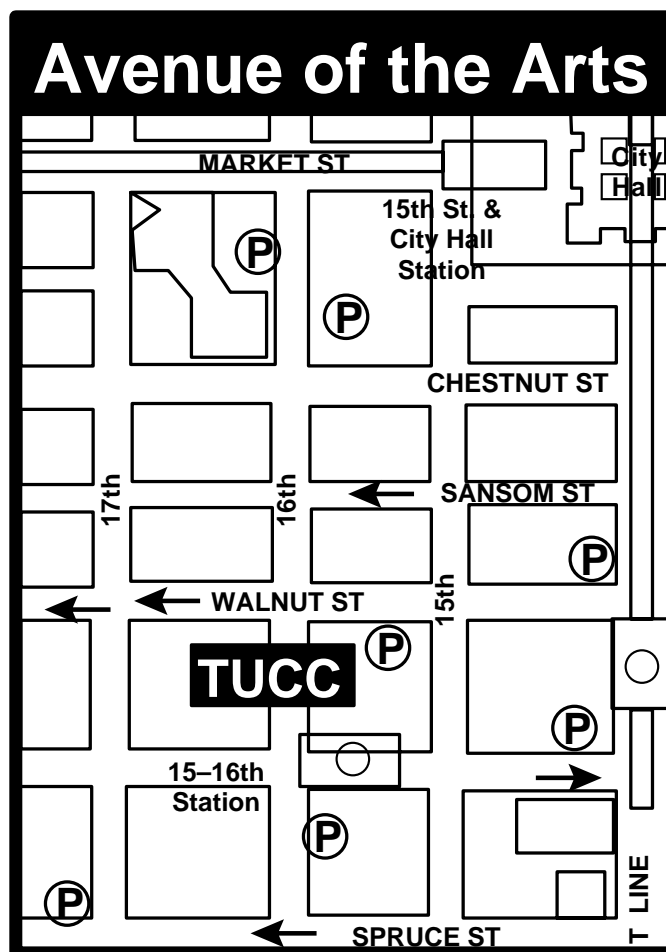
Accommodations

Participants should make their own arrangements directly with the hotel of their choice and state that they will be attending the AMS Eastern Section Meeting at Temple University. **All rooms will be on a space available basis after the deadline given.** The AMS is not responsible for rate changes or for the quality of the accommodations chosen.

Doubletree Hotel, Corner of Broad and Locust, 800-222-8733 or 215-893-1600; \$104 single/double; full service hotel; walk to meetings. Deadline March 13.

Holiday Inn-Select, 1800 Market Street, 215-561-7500, \$89.95 single/double, full service hotel, walk to meetings. Deadline March 13.

There are many guest houses and inns in the area of Temple University's Center City campus. You can contact any



of the following services for referrals to these selections or visit the University's Web site for the AMS Eastern Sectional Meeting at www.math.temple.edu/ams/:

A Bed and Breakfast Connection, 215-735-1917, 610-687-3565, or out of state 800-448-3619.

Association of Bed and Breakfasts in Philadelphia, 610-783-7838 or 800-344-0123.

University City Guest Houses, 215-387-3731.

Rates for accommodations with these services range from \$25-\$175 according to the services offered at each individual residence.

Food Service

There are food courts at Liberty Place (16th and Chestnut) and in the basement of the Bellevue (Broad and Walnut). Also at 16th and Walnut there is a Starbuck's coffee shop, just seconds away from TUCC. There is a list of restaurants on the University's Web site at www.math.temple.edu/ams/. The list will be available at the registration desk as well.

Local Information

Please visit the Web site maintained by the Temple University Math Department at www.math.temple.edu/ams/.

Other Activities

AMS Book Sale: Examine the newest titles from 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

There is parking available at the meeting site. The parking lot is located in the alley behind 1616 Walnut, and may be reached from 1616 Walnut by taking a left onto 17th street and then an immediate left into the alley. Special rates for meeting participants are being negotiated and will be announced at a later date.

Registration and Meeting Information

Registration will take place on the ground level of the building at 1616 Walnut Street. Hours for registration are 7:30 a.m. to 4:00 p.m. on Saturday and Sunday and 7:30 a.m. to 12 noon on Monday.

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

Travel

USAirways has been selected as the official airline for the meeting. The AMS can earn complimentary tickets on this carrier. These tickets are used to send meetings staff (not officers or other staff) to Sectional Meetings, thereby keeping the costs of the meeting (and registration fees) down. The following specially negotiated rates are available only for the period April 1-9: 5% discount off first class and any published USAirways promotional round-trip fare, or 10% discount off unrestricted coach fares with seven-day advance reservations and ticketing required. These discounts are valid providing all rules and restrictions are met and

are applicable for travel from the continental U.S., Bahamas, Canada, and San Juan, P.R. Discounts are not combinable with other discounts or promotions. Additional restrictions may apply on international travel. For reservations call (or have your travel agent call) 800-334-8644 between 8:00 a.m. and 9:00 p.m. Eastern Daylight Time. Refer to **Gold File Number 73670341**.

Directions from Philadelphia International Airport:

One option is to take the suburban train and to get off at Suburban Station. From Suburban Station, cross JFK and walk down 16th, and make a right onto Walnut to 1616 Walnut. Commuter Transportation (1-313-941-3252) provides shuttle service from the airport to the downtown hotels with fares about \$13 one-way. Taxi is about \$35.

Directions from the AMTRAK 30th Street Train Station:

On a nice day, this is a pleasant walk to 1616 Walnut. Go out the east door of the station, walk across the bridge to 17th Street, make a right and proceed to 17th and Walnut, at which point you will locate 1616 Walnut. Taxis are available at the east door also.

Driving: From the northeast (Princeton, Rutgers, NYC):

Go south on I-95 and get off at the I-676 exit in Philadelphia. Proceed on I-676 west, the Vine Street Expressway. Exit at Broad Street and make a left at 17th Street, about three blocks later. Proceed to Walnut Street, about 5 blocks. Just after crossing Walnut, take a left into the alley to the parking garage. You are now either in the TUCC building or across the alley from it.

From the southwest (Maryland, Baltimore): Go north on I-95 and get off at the I-676 exit in Philadelphia. Proceed on I-676 west, the Vine Street expressway. Exit at Broad Street and make a left at 17th Street, about three blocks later. Proceed to Walnut Street, about 5 blocks. Just after crossing Walnut, take a left into the alley to the parking garage. You are now either in the TUCC building or across the alley from it.

Weather: Weather conditions in Philadelphia in April are generally a mild 50 degrees. For up-to-date weather information, visit the University's Web site at www.math.temple.edu/ams/.

Davis, California

University of California

April 25-26, 1998

Meeting #934

Western Section

Associate secretary: William A. Harris Jr

Announcement issue of *Notices*: February 1998

Program issue of *Notices*: June 1998

Issue of *Abstracts*: Volume 19, Issue 2

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions: January 7, 1998

For abstracts: March 4, 1998

Chicago, Illinois

DePaul University-Chicago

September 12–13, 1998

Meeting #935

Central Section

Associate secretary: Susan J. Friedlander
Announcement issue of *Notices*: June 1998
Program issue of *Notices*: November 1998
Issue of *Abstracts*: Volume 19, Issue 3

Deadlines

For organizers: December 12, 1997
For consideration of contributed papers in Special Sessions: May 26, 1998
For abstracts: July 21, 1998

Invited Addresses

Vitaly Bergelson, Ohio State University, *Title to be announced.*

Sheldon Katz, Oklahoma State University, *Title to be announced.*

Ralf Spatzier, University of Michigan, *Title to be announced.*

Vladimir Voevodsky, Northwestern University, *Title to be announced.*

Special Sessions

Algebraic Coding (Code: AMS SS C1), **William C. Huffman**, Loyola University of Chicago, and **Vera S. Pless**, University of Illinois at Chicago.

Algebraic Combinatorics: Association Schemes and Related Topics (Code: AMS SS L1), **Sung Yell Song**, Iowa State University.

Commutative Algebra (Code: AMS SS J1), **Irena V. Peeva**, Massachusetts Institute of Technology, and **Michael Stillman**, Cornell University.

Complex Dynamics (Code: AMS SS H1), **Shmuel Friedland**, University of Illinois at Chicago.

Complexity of Geometric Structures on Manifolds (Code: AMS SS F1), **Melvin G. Rothenberg** and **Shmuel A. Weinberger**, University of Chicago.

Ergodic Theory and Topological Dynamics (Code: AMS SS G1), **Roger L. Jones**, DePaul University, and **Randall McCutcheon**, Wesleyan College.

Fourier Analysis (Code: AMS SS E1), **Marshall Ash**, DePaul University, and **Mark A. Pinsky**, Northwestern University.

K-Theory and Motivic Cohomology (Code: AMS SS D1), **Kevin Knudson**, Northwestern University, and **Mark Walker**, University of Nebraska-Lincoln.

Number Theory (Code: AMS SS I1), **Jeremy T. Teitelbaum** and **Yuri Tschinkel**, University of Illinois at Chicago.

Rigidity in Geometry and Dynamics (Code: AMS SS K1), **Steven E. Hurder**, University of Illinois at Chicago, and **Ralf J. Spatzier**, University of Michigan.

Stochastic Analysis (Code: AMS SS A1), **Richard B. Sowers**, University of Illinois-Urbana, and **Elton P. Hsu**, Northwestern University.

Topics in Mathematics and Curriculum Reform (Code: AMS SS B1), **Richard J. Maher**, Loyola University Chicago.

Winston-Salem, North Carolina

Wake Forest University

October 9–10, 1998

Meeting #936

Southeastern Section

Associate secretary: Robert J. Daverman
Announcement issue of *Notices*: August 1998
Program issue of *Notices*: December 1998
Issue of *Abstracts*: Volume 19, Issue 3

Deadlines

For organizers: January 6, 1998
For consideration of contributed papers in Special Sessions: June 23, 1998
For abstracts: August 18, 1998

Special Sessions

Abelian Groups and Modules (Code: AMS SS B1), **Ulrich Albrecht**, Auburn University.

Combinatorics and Graph Theory (Code: AMS SS A1), **Bruce Landman**, University of North Carolina.

Noncommutative Algebra (Code: AMS SS C1), **Ellen Kirkman** and **James Kuzmanovich**, Wake Forest University.

Recent Results on the Topology of Three-Manifolds (Code: AMS SS D1), **Hugh Nelson Howards**, Wake Forest University.

State College, Pennsylvania

Pennsylvania State University

October 24–25, 1998

Meeting #937

Eastern Section

Associate secretary: Lesley M. Sibner
Announcement issue of *Notices*: August 1998
Program issue of *Notices*: January 1999
Issue of *Abstracts*: Volume 19, Issue 4

Deadlines

For organizers: January 22, 1998
For consideration of contributed papers in Special Sessions: July 7, 1998
For abstracts: September 1, 1998

Invited Addresses

Jeffrey Adams, University of Maryland, College Park, *Title to be announced.*

Nigel D. Higson, Pennsylvania State University, *Title to be Announced.*

Tasso J. Kaper, Boston University, *Title to be Announced.*

Kate Okikiolu, University of California, San Diego and MIT, *Title to be announced.*

Special Sessions

C-Algebraic Methods in Geometry and Topology* (Code: AMS SS B1), **Nigel D. Higson**, Pennsylvania State University, and **Erik Guentner** and **John D. Trout Jr.**, Dartmouth College.

Modeling of Phase Transitions of Partially Ordered Physical Systems (Code: AMS SS C1), **Maria-Carme T. Calderer**.

Partitions and q-Series (Code: AMS SS A1), **George E. Andrews** and **Ken Ono**, Pennsylvania State University.

Tucson, Arizona

University of Arizona-Tucson

November 14–15, 1998

Meeting #938

Western Section
Associate secretary: William A. Harris Jr
Announcement issue of *Notices*: September 1998
Program issue of *Notices*: To be announced
Issue of *Abstracts*: Volume 19, Issue 4

Deadlines

For organizers: February 12, 1998
For consideration of contributed papers in Special Sessions: July 29, 1998
For abstracts: September 23, 1998

San Antonio, Texas

San Antonio Convention Center

January 13–16, 1999

Joint Mathematics Meetings, including the 105th Annual Meeting of the AMS, 82nd Meeting of the Mathematical Association of America (MAA), and annual meetings of the Association for Women in Mathematics (AWM) and the National Association of Mathematicians (NAM).

Associate secretary: Susan J. Friedlander
Announcement issue of *Notices*: October 1998

Program issue of *Notices*: To be announced
Issue of *Abstracts*: To be announced

Deadlines

For organizers: April 14, 1998
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

Gainesville, Florida

University of Florida

March 12–13, 1999

Southeastern Section
Associate secretary: Robert J. Daverman
Announcement issue of *Notices*: To be announced
Program issue of *Notices*: To be announced
Issue of *Abstracts*: To be announced

Deadlines

For organizers: June 11, 1998
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

Urbana, Illinois

University of Illinois, Urbana-Champaign

March 18–21, 1999

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

Deadlines

For organizers: June 18, 1998
For consideration of contributed papers in Special Sessions: To be announced
For abstracts: To be announced

Special Sessions

Recent Progress in Elementary Geometry (Code: AMS SS A1), **John E. Wetzel**, University of Illinois-Urbana, and **Clark Kimberling**, University of Evansville.

Las Vegas, Nevada

University of Nevada-Las Vegas

April 10–11, 1999

Western Section
Associate secretary: William A. Harris Jr

Announcement issue of *Notices*: To be announced
 Program issue of *Notices*: To be announced
 Issue of *Abstracts*: To be announced

Deadlines

For organizers: July 10, 1998
 For consideration of contributed papers in Special Sessions: To be announced
 For abstracts: To be announced

Buffalo, New York

State University of New York at Buffalo

April 24–25, 1999

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

Deadlines

For organizers: July 24, 1998
 For consideration of contributed papers in Special Sessions: To be announced
 For abstracts: To be announced

Invited Addresses

Michele M. Audin, University Louis Pasteur, Strasbourg, *Title to be announced.*

Jeff Smith, Purdue University, *Title to be announced.*

Alexander A. Voronov, Massachusetts Institute of Technology, *Title to be announced.*

Gregg J. Zuckerman, Yale University, *Title to be announced.*

Providence, Rhode Island

Providence College

October 2–3, 1999

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

Deadlines

For organizers: January 6, 1999
 For consideration of contributed papers in Special Sessions: To be announced
 For abstracts: To be announced

Austin, Texas

University of Texas-Austin

October 8–10, 1999

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

Deadlines

For organizers: January 6, 1999
 For consideration of contributed papers in Special Sessions: To be announced
 For abstracts: To be announced

Washington, District of Columbia

Sheraton Washington Hotel and Omni Shoreham Hotel

January 19–22, 2000

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: William A. Harris Jr
 Announcement issue of *Notices*: To be announced
 Program issue of *Notices*: To be announced
 Issue of *Abstracts*: To be announced

Deadlines

For organizers: April 20, 1999
 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

Lowell, Massachusetts

University of Massachusetts, Lowell

April 1–2, 2000

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

Deadlines

For organizers: July 1, 1999

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

For abstracts: To be announced

Notre Dame, Indiana

University of Notre Dame

April 7–9, 2000

Central Section

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: To be announced

Program issue of *Notices*: To be announced

Issue of *Abstracts*: To be announced

Deadlines

For organizers: July 7, 1999

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

For abstracts: To be announced

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*: To be announced

Program issue of *Notices*: To be announced

Issue of *Abstracts*: To be announced

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: Robert J. Daverman

Announcement issue of *Notices*: To be announced

Program issue of *Notices*: To be announced

Issue of *Abstracts*: To be announced

Deadlines

For organizers: June 15, 2000

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 issue of *Notices*: To be announced

Issue of *Abstracts*: To be announced

Deadlines

For organizers: January 11, 2001

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

For abstracts: To be announced