

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 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 an electronic issue of the *Notices* as noted below for each meeting.

Los Angeles, California

University of California, Los Angeles



August 6–12, 2000

Meeting #956

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

Deadlines

For organizers: None
For consideration of contributed papers in Special Sessions: None
For abstracts: Expired

Invited Addresses

James G. Arthur, University of Toronto, *The principle of functoriality*.

Alexander A. Beilinson, University of Chicago, *On the geometric Langlands conjecture*.

Michael V. Berry, University of Bristol, *Wave asymptotics and borderland physics*.

Haim Brezis, University of Paris VI and Rutgers University, *The interplay between analysis and topology in some non-linear PDEs*.

Alain Connes, IHÉS and Collège de France, *Noncommutative geometry*.

David L. Donoho, Stanford University, *High-dimensional data analysis: The blessings and curses of dimensionality*.

Charles L. Fefferman, Princeton University, *Unsolved problems of fluid mechanics*.

Michael H. Freedman, Microsoft Research, *The physics of computation*.

Ronald L. Graham, University of California, San Diego, *Mathematics in the 21st century: Problems and prospects* (AMS-MAA Presidents' Lecture).

Helmut H. W. Hofer, Courant Institute, New York University, *Dynamical systems at the interface of symplectic geometry and three-dimensional topology*.

Richard M. Karp, International Computing Science Institute, *Algorithmic challenges from genomics and molecular biology*.

Sergiu Klainerman, Princeton University, *On the analysis of geometric evolution equations*.

Maxim Kontsevich, Institut des Hautes Études Scientifiques, *Operads of little discs in algebra and topology*.

Peter D. Lax, Courant Institute, New York University, *Mathematics and computing*.

Simon A. Levin, Princeton University, *Ecosystems as complex adaptive systems*.

László Lovász, Microsoft Research, *Classical mathematics and new challenges*.

David Mumford, Brown University, *Modeling perception and inference in intelligent systems*.

Peter Sarnak, Princeton University, *Some problems in number theory and related analysis*.

Saharon Shelah, The Hebrew University and Rutgers University, *Logical dreams*.

Peter W. Shor, AT&T Labs, *Quantum computation*.

Yakov G. Sinai, Princeton University, *From renormalization in dynamics to renormalization in probability and statistical physics*.

Richard P. Stanley, Massachusetts Institute of Technology, *Recent progress in algebraic combinatorics*.

Dennis P. Sullivan, The CUNY Graduate School, *String topology*.

Clifford Taubes, Harvard University, *Bliss and ignorance in 4-dimensions*.

Jean E. Taylor, Rutgers University, *Mathematics and materials science*.

William P. Thurston, University of California, Davis, *Three-dimensional topology and geometry*.

Karen Uhlenbeck, University of Texas at Austin, *Geometric partial differential equations: From Hilbert's Twenty-third Problem to nonlinear waves*.

S. R. S. Varadhan, Courant Institute, New York University, *Stochastic analysis and applications*.

Edward Witten, Institute for Advanced Study, *Mathematical impact of quantum fields and strings*.

Shing-Tung Yau, Harvard University, *Geometry and its relation to physics*.

Don B. Zagier, Max-Planck-Institut für Mathematik, *Number theory: Modular forms*.

Registration at the Meeting

Participants who registered in advance by June 8 and who so elected will have their badges and final programs mailed to them before the meeting. All other registrants will receive the final program at the meeting. Those who registered in advance but did not receive badges and programs in the mail may pick up pertinent materials at the outside ticket booth at Royce Hall on Sunday afternoon between 2:00 p.m. and 5:00 p.m.; otherwise, all badge and program pickup and new registrations will take place at the meeting registration desk in Room 132 in Royce Hall on Monday and Tuesday, 8:00 a.m. to 4:30 p.m.; Wednesday through Friday, 8:00 a.m. to 3:00 p.m.; and on Saturday from 8:00 a.m. to noon.

Mathematical Challenges On-site Registration Fees

Member of AMS, CMS, MAA, SIAM	\$202
Temporarily Employed	127
Emeritus Member of AMS, MAA:	
Graduate Student, Unemployed,	
Librarian, High School Teacher,	
Developing Countries Special Rate	45

Undergraduate Student	26
Nonmember	312
High School Student	5
One-Day Member	
of AMS, CMS, MAA, SIAM	111
One-Day Nonmember	172
Special: 3-day Member Registration	132
3-day Nonmember Registration	204
Nonmathematician Guest	5

Accommodations

Participants who did not reserve a room during advance registration but who need accommodations should see the options for hotels and campus residence halls available to them on pages 612 and 613 in the May issue of the *Notices*. Participants interested in campus residences should inquire at the check-in desk in the Sunset Village lobby. The number of rooms in all facilities is limited; we regret that none may be available after the stated deadlines.

Toronto, Ontario, Canada

University of Toronto

September 23–24, 2000

Meeting #957

Central Section

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: August 2000

Program first available on e-MATH: August 10, 2000

Program issue of electronic *Notices*: November 2000

Issue of *Abstracts*: Volume 21, Issue 3

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions: Expired

For abstracts: July 14, 2000

Invited Addresses

John H. Conway, Princeton University, *Title to be announced* (Erdős Memorial Lecture).

George Elliott, University of Toronto, *Title to be announced*.

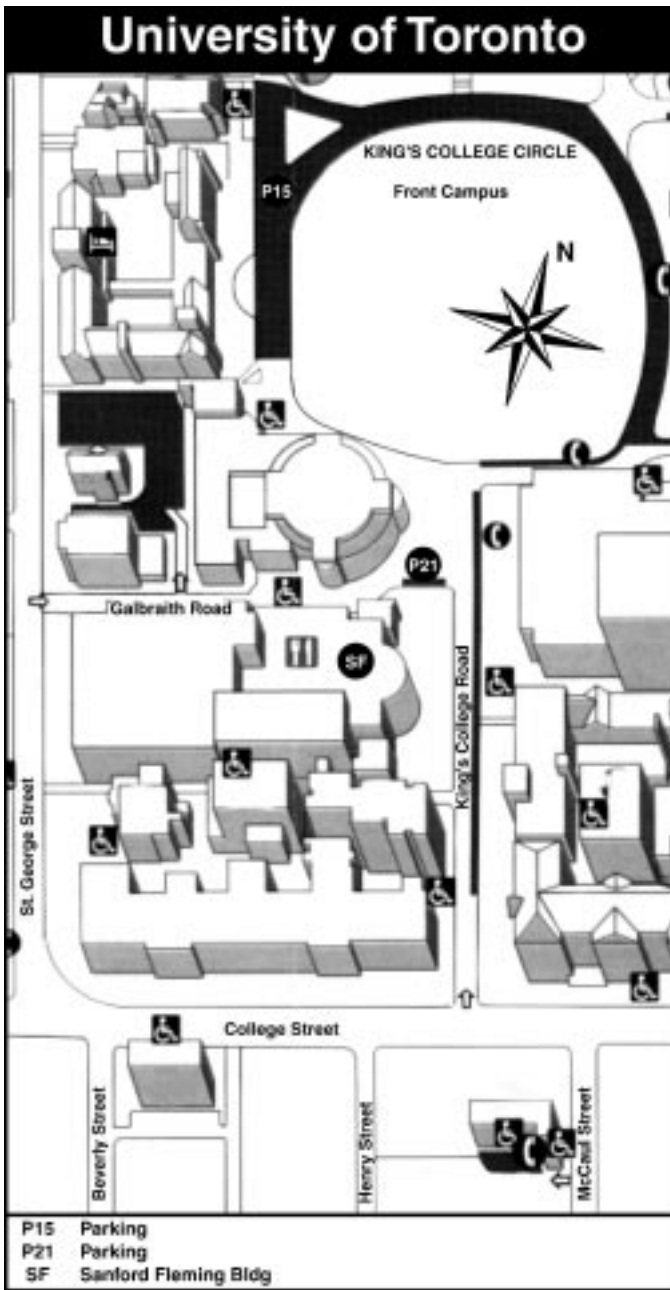
Benson Farb, University of Chicago, *Title to be announced*.

Boris Tsyagan, Pennsylvania State University, *Title to be announced*.

Special Sessions

Analytic Number Theory (Code: AMS SS N1), **John Friedlander**, University of Toronto, and **Steve Gonek**, University of Rochester.

Applied Categorical Structures (Code: AMS SS J1), **Joan Wick Pelletier** and **Walter Tholen**, York University.



Commutative Algebra and Algebraic Geometry (Code: AMS SS A1), **Anthony Geramita**, Queens University, and **William Traves**, United States Naval Academy.

Computational Wavelet Analysis (Code: AMS SS H1), **Sebastian Ferrando** and **Larry Kolasa**, Ryerson Polytechnic University.

Discrete and Applied Geometry (Code: AMS SS L1), **Asia Ivic Weiss** and **Walter Whiteley**, York University.

Ergodic Theory and Dynamical Systems (Code: AMS SS B1), **Andres del Junco**, University of Toronto, and **Blair Madore**, SUNY, Potsdam.

Functional Differential Equations and Applications (Code: AMS SS D1), **Anatoli F. Ivanov**, Pennsylvania State University, and **Jianhong Wu**, York University.

Hamiltonian Systems (Code: AMS SS M1), **Lisa Jeffrey**, **Velimir Jurdjevic**, and **Boris Khesin**, University of Toronto.

Innovative Programs and Projects That Work in Undergraduate Mathematics (Code: AMS SS R1), **Bathi Kasturirachi**, Kent State University.

Modern Schubert Calculus (Code: AMS SS K1), **Nantel Bergeron**, York University, and **Frank Sottile**, University of Wisconsin.

Nonabsolute Integration (Code: AMS SS C1), **Patrick Muldowney**, University of Ulster, and **Erik Talvila**, University of Illinois, Urbana.

Noncommutative Geometry (Code: AMS SS Q1), **Ryszard Nest**, University of Copenhagen, and **Victor Nistor** and **Boris Tsygan**, Pennsylvania State University.

Nonlinear Functional Analysis (Code: AMS SS P1), **Sankatha Singh** and **Bruce Watson**, Memorial University of Newfoundland.

Operator Algebras and Operator Theory (Code: AMS SS T1), **Man-Duen Choi** and **George Elliott**, University of Toronto.

Probability (Code: AMS SS S1), **Neal Madras**, **George L. O'Brien**, **Thomas Salisbury**, and **Donna Salopek**, York University.

Pseudo-differential Operators, Wavelet Transforms and Related Topics (Code: AMS SS F1), **M. W. Wong**, York University.

Representation Theory of Infinite Dimensional Lie Algebras (Code: AMS SS E1), **Yun Gao**, York University.

Set Theory and Set-Theoretic Topology (Code: AMS SS G1), **Franklin D. Tall**, University of Toronto.

Accommodations

Participants should make their own arrangements directly with the hotel of their choice and request the American Mathematical Society rate. The AMS is not responsible for rate changes or for the quality of the accommodations.

Courtyard by Marriott, Downtown Toronto, 475 Young Street, Toronto, Ontario, Canada; 416-924-0611; \$182 (CAD) single or double (approx. US\$122). Deadline for reservations is August 1, 2000.

Days Inn-Toronto Downtown, 30 Carlton Street, Toronto, Ontario, Canada; 416-977-6655 or 800-325-2525; \$139 (CAD) single or double (approx. US\$93). Deadline for reservations is August 23, 2000.

Food Service

There are a number of restaurants 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 University of Toronto at <http://www.utoronto.ca/> or visit <http://www.torinfo.com/>.

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. The book exhibit will be located in Room 1013 in the Sandford Fleming Building and is adjacent to the atrium area.

Parking

Parking is available on a cash basis in marked lots adjacent to the Sandford Fleming Building.

Registration and Meeting Information

The registration desk will be located in the atrium of the Sandford Fleming Building and will be open from 8:00 a.m. to 4:30 p.m. on Saturday, and from 8:00 a.m. to noon on Sunday. Talks will take place in the Sandford Fleming Building.

Registration fees (payable on-site only): \$40/AMS and CMS members; \$60/nonmembers; \$15/emeritus members, students, or unemployed mathematicians. Fees are payable by cash (US\$), check, VISA, MasterCard, Discover, or American Express.

Travel

By Air: The Lester B. Pearson International Airport serves most major airlines. The following specially negotiated rates on **USAirways** are available exclusively to mathematicians and their families for the period September 19–September 27, 2000. Restrictions may apply and seats are limited. Receive a 5% discount off First or Envoy Class and any published USAirways promotional round-trip fare. By purchasing your ticket 60 days or more prior to departure, you can receive an additional 5% bonus discount. Or you may receive a 10% discount off unrestricted coach fares with 7-day advance purchase. For reservations call (or have your travel agent call) USAirways Group and Meeting Reservation Office toll-free at 877-874-7687 between 8:00 a.m. and 9:30 p.m. Eastern Time. Refer to **Gold File number 18611161**.

For more specific travel information please visit <http://www.utoronto.ca/toronto.htm>.

Weather

The climate is mild at this time of year, with an average daytime temperature between 60° and 70° F.

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 e-MATH: September 11, 2000
Program issue of electronic *Notices*: December 2000
Issue of *Abstracts*: Volume 21, Issue 4

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions: Expired

For abstracts: August 29, 2000

Invited Addresses

Steven N. Evans, University of California, Berkeley, *Title to be announced*.

Lisa J. Fauci, Tulane University, *Title to be announced*.

Kristin Lauter, Microsoft Corporation, *Title to be announced*.

Thomas Wolff, California Institute of Technology, *Title to be announced*.

Special Sessions

Abstract Wavelet Theory (Code: AMS SS J1), **Lawrence W. Baggett**, University of Colorado, and **Kathy D. Merrill**, The Colorado College.

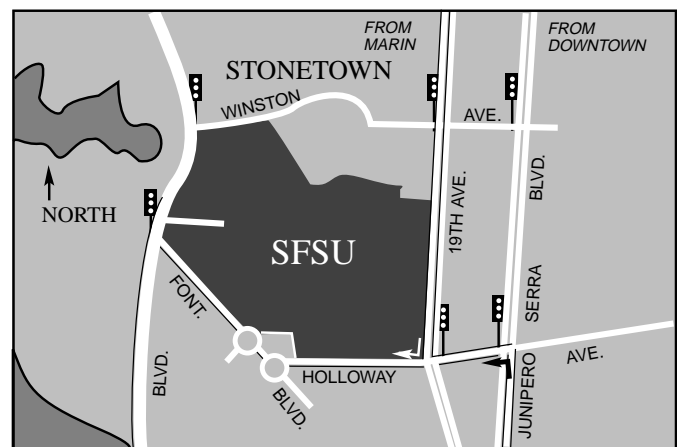
Algebraic and Geometric Combinatorics (Code: AMS SS A1), **Jesus De Loera**, University of California, Davis, and **Frank Sottile**, University of Wisconsin.

Banach Algebras (Code: AMS SS K1), **Suren Grigoryan**, Kazan State University, and **Thomas Tonev**, University of Montana, Missoula.

Diagrammatic Morphisms in Algebra, Category Theory, and Topology (Code: AMS SS F1), **David Radford**, University of Illinois at Chicago, **Fernando Souza**, Los Alamos National Laboratory and University of Illinois at Chicago, and **David Yetter**, Kansas State University.

Geometric and Symbolic Dynamical Systems (Code: AMS SS D1), **Arek Goetz**, San Francisco State University, and **Luca Zamboni**, University of North Texas.

Harmonic Analysis (Code: AMS SS C1), **Christoph Thiele**, University of California, Los Angeles, and **Thomas Wolff**, California Institute of Technology.



San Francisco State University

History of Mathematics (Code: AMS SS B1), **Shawnee McMurran**, University of Redlands, and **James J. Tattersall**, Providence College.

Holomorphic Spaces (Code: AMS SS E1), **Sheldon Axler** and **Alex Schuster**, San Francisco State University.

Periodic and/or Multiple Solutions of Differential and Difference Equations (Code: AMS SS L1), **Jorge Aarao** and **Mario Martelli**, Claremont McKenna College, and **Adolfo Rumbos**, Pomona College.

Quantum Algebra (Code: AMS SS H1), **Nicolai Reshetikhin**, University of California, Berkeley.

Singularities and Algebraic Geometry (Code: AMS SS G1), **Caroline Melles**, United States Naval Academy, and **Ruth Michler**, University of North Texas.

Topics in Probability, with Emphasis on Markov Chains and Random Matrices (Code: AMS SS M1), **Steve Evans**, University of California, Berkeley, **Amir Dembo**, Stanford University, and **Yuval Peres**, University of California, Berkeley.

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. The AMS is not responsible for rate changes or for the quality of the accommodations. When making a reservation, participants should state that they are with the American Mathematical Society group.

Days Inn, 2600 Sloat Blvd., San Francisco, CA; 415-665-9000; rates start at \$87.75 single and \$97.75 double. Rates include a special discount of 15%. Reservations are on a space-available basis only, and participants must make reservations directly with this hotel using the phone number listed in this announcement.

Food Service

A list of restaurants will be available at the registration desk.

Local Information

Please visit the Web site maintained by San Francisco State University at <http://www.sfsu.edu/> and the site maintained by the San Francisco Convention and Visitors Bureau at <http://www.sfvistor.org/>.

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 is available in the University parking structure located on South State Street. For more information regarding parking please visit <http://www.sfsu.edu/~parking/text/tocampus.html>.

Registration and Meeting Information

The registration desk will be located on the third (main) floor of Thornton Hall and will be open from 7:30 a.m. to 4:30 p.m. on Saturday and from 8:00 a.m. to noon on Sunday. Talks will take place in the Science Building and Thornton Hall.

Registration fees (payable on-site only): \$40/AMS and CMS members; \$60/nonmembers; \$15/emeritus members, students, or unemployed mathematicians. Fees are payable by cash, check, VISA, MasterCard, Discover, or American Express.

Travel

By Air: The San Francisco International Airport (SFO) is served by all major airlines. The following specially negotiated rates on **USAirways** are available exclusively to mathematicians and their families for the period October 18–October 25, 2000. Discounts apply only to travel within the continental U.S. Other restrictions may apply and seats are limited. Receive a 5% discount off First or Envoy Class and any published USAirways promotional round-trip fare. By purchasing your ticket 60 days or more prior to departure, you can receive an additional 5% bonus discount. Or you may receive a 10% discount off unrestricted coach fares with 7-day advance purchase. For reservations call (or have your travel agent call) USAirways Group and Meeting Reservation Office toll-free at 877-874-7687 between 8:00 a.m. and 9:30 p.m. Eastern Time. Refer to **Gold File number 18611161**.

Shuttles from the airport to the campus are available and cost \$12 to \$15. Taxi service is approximately \$40 one way. If driving from the airport, go north on Highway 101 to I-380 North to I-280 North. From 280 North follow the signs for 19th Avenue and SFSU. As the freeway ends, remain in the right lanes of traffic and exit onto Juniper Serra Blvd. From Juniper Serra turn left on Holloway Avenue, then turn right onto Font Blvd., then right onto Lake Merced Blvd., and then right onto South State Street Drive. The University parking structure is on South State Street Drive.

Driving to the campus: From the north: Take Highway 101 South across the Golden Gate Bridge. Take 19th Avenue/Highway 1 exit. Follow 19th Avenue to campus at Holloway Avenue.

From the south: Take I-280 North; exit at 19th Avenue. Take Junipero Serra Blvd. to Holloway Avenue; turn left on Holloway Avenue to campus at 19th Avenue.

To get directly to the parking garage from 19th and Holloway, continue down Holloway to Font Blvd. Take a right on Font Blvd. until you come to Lake Merced Blvd. Take a right onto Lake Merced, and then take another immediate right onto State Drive. The public parking garage is straight ahead.

From the east: Take I-80 West across the Bay Bridge to Highway 101 South. Take 101 South to I-280 toward Daly City. Take the Mission St./Daly City exit, bearing right onto Sagamore Street to Brotherhood Way to Junipero Serra Blvd. North. Take Junipero Serra Blvd. to Holloway Avenue; turn left on Holloway Avenue to campus at 19th Avenue. To get directly to the parking garage, stay on

Brotherhood Way and turn right onto Lake Merced Blvd. Two stoplights up is the entrance to the public parking garage (turn right).

Weather

The weather in October is variable, with temperatures from 70° to 85° F. The weather can turn cold, overcast, and windy due to the close proximity of the SFSU campus to the ocean.

New York, New York

Columbia University

November 4–5, 2000

Meeting #959

Eastern Section

Associate secretary: Lesley M. Sibner

Announcement issue of *Notices*: September 2000

Program first available on e-MATH: September 28, 2000

Program issue of electronic *Notices*: December 2000

Issue of *Abstracts*: Volume 21, Issue 4

Deadlines

For organizers: Expired

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, *Title to be announced*.

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

Sergey Novikov, University of Maryland, College Park, and Landau Institute for Theoretical Physics, *Title to be announced*.

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

Special Sessions

Algebraic Geometry (Code: AMS SS H1), **Sorin Popescu** and **Lev A. Borisov**, Columbia University.

Arithmetic Geometry and Modular Forms (Code: AMS SS D1), **Dorian Goldfeld**, Columbia University, and **Paula Cohen**, Université des Sciences et Technologies de Lille.

Arrangements of Hyperplanes (Code: AMS SS C1), **Michael J. Falk**, Northern Arizona University, and **Alexander I. Suci**, Northeastern University.

Combinatorial Group Theory (Code: AMS SS A1), **Gilbert Baumslag**, **Sean T. Cleary**, **Alexei Myasnikov**, and **Vladimir Shpilrain**, City College (CUNY).

Commutative Algebra (Code: AMS SS F1), **Irena Peeva**, Cornell University, and **Luchezar Avramov**, Purdue University.

Differential Algebra and Related Topics (Code: AMS SS E1), **Li Guo** and **William Keigher**, Rutgers University at Newark, and **William Sit**, City College (CUNY).

Nonlinear Partial Differential Equations (Code: AMS SS J1), **Zheng-Chao Han**, Rutgers University, and **A. Shadi Tahvildar-Zadeh**, Princeton University.

Riemannian Manifolds and Their Limit Spaces (Code: AMS SS K1), **Xiaochun Rong**, Rutgers University, and **Christina Sormani**, Lehman College, CUNY.

Symbolic Computation and Kleinian Groups (Code: AMS SS G1), **Jane P. Gilman**, Rutgers University, and **Mika K. Seppala**, Florida State University.

The Topology of 3-Manifolds (Code: AMS SS B1), **Joan S. Birman** and **Brian S. Magnus**, Columbia University, and **Walter D. Neumann**, University of Melbourne.

Birmingham, Alabama

University of Alabama at Birmingham

November 10–12, 2000

Meeting #960

Southeastern Section

Associate secretary: John L. Bryant

Announcement issue of *Notices*: September 2000

Program first available on e-MATH: October 5, 2000

Program issue of electronic *Notices*: January 2001

Issue of *Abstracts*: Volume 21, Issue 4

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions: July 25, 2000

For abstracts: September 19, 2000

Invited Addresses

Nick Alikakos, University of Tennessee and University of Athens, *Title to be announced*.

Ivan Cherednik, University of North Carolina at Chapel Hill, *Title to be announced*.

Vladimir Temlyakov, University of South Carolina, *Greedy algorithms in nonlinear approximation*.

Xin Zhou, Duke University, *Title to be announced*.

Special Sessions

Analytical Problems in Mathematical Physics (Code: AMS SS E1), **Roger T. Lewis**, University of Alabama at Birmingham, **Michael P. Loss**, Georgia Institute of Technology, and **Marcel Griesemer**, University of Alabama at Birmingham.

Billiards and Related Topics (Code: AMS SS C1), **Nikolai I. Chernov** and **Nandor Simanyi**, University of Alabama at Birmingham.

Differential Operators and Function Spaces (Code: AMS SS P1), **R. C. Brown**, University of Alabama at Tuscaloosa, and **D. B. Hinton**, University of Tennessee, Knoxville.

Dynamics and Low-Dimensional Topology (Code: AMS SS G1), **Alexander M. Blokh**, **Lex G. Oversteegen**, and **John C. Mayer**, University of Alabama at Birmingham.

Integrable Systems and Riemann-Hilbert Problems (Code: AMS SS N1), **Xin Zhou**, Duke University, and **Kenneth McLaughlin**, University of Arizona.

Inverse Problems (Code: AMS SS A1), **Ian Walker Knowles** and **Rudi Weikard**, University of Alabama at Birmingham.

Nonlinear Differential Equations and Applications (Code: AMS SS H1), **James R. Ward Jr.**, University of Alabama at Birmingham, and **Wenzhang Huang**, University of Alabama at Huntsville.

Nonlinear Methods in Approximation (Code: AMS SS K1), **Vladimir N. Temlyakov**, University of South Carolina.

Nonlinear Partial Differential Equations and Applications (Code: AMS SS J1), **Dehua Wang**, University of Pittsburgh, and **Yanni Zeng**, University of Alabama at Birmingham.

Operator Algebras and Their Representations (Code: AMS SS F1), **Alan Hopenwasser**, University of Alabama, and **Justin R. Peters**, Iowa State University.

Operators and Function Theory on Holomorphic Space (Code: AMS SS M1), **James L. Wang** and **Zhijian Wu**, University of Alabama.

Relations between Spectral Theory and Analytic Number Theory (Code: AMS SS B1), **Robert M. Kauffman**, University of Alabama at Birmingham, and **Martin N. Huxley**, Cardiff University, Wales.

Spectral and Transport Problems in Solid State Physics (Code: AMS SS D1), **Peter D. Hislop**, University of Kentucky, and **Yulia Karpeshina** and **Gunter H. Stolz**, University of Alabama at Birmingham.

Wavelets, Frames, Sampling, and Time-Frequency Representations (Code: AMS SS L1), **Akram Aldroubi**, Vanderbilt University.

Hong Kong, People's Republic of China

Hong Kong Baptist University

December 13–16, 2000

Meeting #961

First Joint International Meeting between the AMS and the Hong Kong Mathematical Society.

Associate secretary: Bernard Russo

Announcement issue of *Notices*: August 2000

Program first available on e-MATH: Not applicable

Program issue of electronic *Notices*: Not applicable

Issue of *Abstracts*: None

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions: July 15, 2000

For abstracts: September 1, 2000

Invited Addresses

Jianshu Li, Hong Kong University of Science and Technology, *Title to be announced.*

Thomas Liggett, University of California, Los Angeles, *Title to be announced.*

Ngai Ming Mok, University of Hong Kong, *Title to be announced.*

Gilles Pisier, University of Paris VI and Texas A&M University, *Title to be announced.*

Michael Shub, IBM, *Title to be announced.*

Gang Tian, Massachusetts Institute of Technology, *Title to be announced.*

Special Sessions

Combinatorial and Computational Methods in Commutative Algebra and Algebraic Geometry, **Vladimir Shpilrain**, CUNY, City College, and **Jie-Tai Yu**, University of Hong Kong.

Combinatorics and Graph Theory, **Beifang Chen**, Hong Kong University of Science and Technology, **Jeong Han Kim**, Microsoft, USA, and **Che Bor Lam**, Hong Kong Baptist University.

Geometric Analysis, **Peter Li**, University of California, Irvine, and **Luen Fai Tam** and **Tom Wan**, Chinese University of Hong Kong.

Integrable Systems, **Jishan Hu**, Hong Kong University of Science and Technology, **Wen Xiu Ma**, City University of Hong Kong, **Peter Olver**, University of Minnesota, and **Min Yan**, Hong Kong University of Science and Technology.

Iterative Methods in Scientific Computation, **Michael Ng**, University of Hong Kong, and **Robert Plemmons**, Wake Forest University.

Low Dimensional Topology, **Iain Aitchison** and **Hyam Rubinstein**, University of Melbourne.

Mathematics of Learning Theory, **Felipe Cucker** and **Stephen Smale**, City University of Hong Kong.

Mathematics of Optimization, **Kung Fu Ng**, Chinese University of Hong Kong, and **Jong-shi Pang**, Johns Hopkins University.

Nonlinear Elliptic and Parabolic Partial Differential Equations, **Kai Seng Chou**, Chinese University of Hong Kong, **Yanyan Li**, Rutgers University, and **Juncheng Wei**, Chinese University of Hong Kong.

Nonlinear Waves, **Zhouping Xin**, Courant Institute and Chinese University of Hong Kong, and **Xiaoping Wang**, Hong Kong University of Science and Technology.

Numerical Methods for Partial Differential Equations, **Susanne Brenner**, University of South Carolina, and **Jun Zou**, Chinese University of Hong Kong.

Optimization and Applications, **Kok Lay Teo** and **X. Q. Yang**, Hong Kong Polytechnic University.

Representation Theory, **Jian Shu Li** and **Jinsong Huang**, Hong Kong University of Science and Technology.

Theoretical and Numerical Aspects of Nonlinear Conservation Laws, **Tao Tang**, Hong Kong Baptist University, and **Zhouping Xin**, Courant Institute and Chinese University of Hong Kong.

Value Distribution Theory and Complex Dynamics, **Chung Chun Yang**, Hong Kong University of Science and Technology, and **William Cherry**, University of North Texas.

Contributed Papers

There is a contributed paper session organized by Joseph H. W. Lee. The abstract deadline for this session is August 1, 2000. All questions regarding submission of abstracts for this session should be directed to majlee@polyu.edu.hk.

Conference Web Site

The information in this announcement is taken from the Web site maintained by the local organizers. See <http://www.math.hkbu.edu.hk/hkms/ams-hkms2000.html> for additional program details and links to sites for hotels, campus, and other local information.

The e-mail address for conference information is amshkms@math.ust.hk.

Abstracts

The deadline for abstracts for Special Sessions is September 1, 2000. All questions regarding abstracts for these sessions should be directed to amshkms@math.ust.hk.

Accommodations

The conference organizers have negotiated a special rate with the Royal Plaza Hotel. The price per room per night is HK\$550 (approximately US\$71). It is about five minutes by train to the Kowloon Tong Station and another five-minute walk to the Lam Woo Conference Centre.

Registration and Meeting Information

The meeting will be held at the Lam Woo Conference Centre of Hong Kong Baptist University.

Social Activities

A local tour will be arranged on Friday afternoon, December 15, 2000. A banquet will be arranged for Friday evening after the local tour.

Travel and Local Information

Local Travel: Hong Kong has an excellent public transportation system consisting of trains, buses, and taxis. Generally, frequency of service is every few minutes. The Lam Woo Conference Centre of the Hong Kong Baptist University is a short walk from the Kowloon Tong underground subway (MTR) and railway (KCR) interchange.

International Travel & Visas: Visitors to Hong Kong from some countries require visas. If you are in doubt, please contact the Chinese consulate nearest you. Some partici-

pants may wish to visit the Chinese mainland before or after the conference. All foreigners visiting the Chinese mainland require a visa, which may be obtained from the Chinese consulate. However, for short trips you may obtain a tourist visa in Hong Kong within a matter of a few days.

About Hong Kong: Hong Kong (<http://www.info.gov.hk/>, <http://www.hkta.org/>) is a metropolis influenced by both Eastern and Western cultures and home to almost 7 million people. The native tongue of most residents is Cantonese, but those speaking English and Mandarin can get around easily. The local currency has an exchange rate of HK\$7.75 = US\$1.

New Orleans, Louisiana

New Orleans Marriott and Sheraton New Orleans Hotel

January 10–13, 2001

Meeting #962

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), and the winter meeting of the Association for Symbolic Logic (ASL).

Associate secretary: Lesley M. Sibner

Announcement issue of *Notices*: October 2000

Program first available on e-MATH: November 1, 2000

Program issue of electronic *Notices*: January 2001

Issue of *Abstracts*: Volume 22, Issue 1

Deadlines

For organizers: Expired

For consideration of contributed papers in Special Sessions: August 8, 2000

For abstracts: October 3, 2000

For summaries of papers to MAA organizers: September 15, 2000

Joint Invited Addresses

Barry Mazur, Harvard University, *Title to be announced* (AMS-MAA).

Jeffrey R. Weeks, Canton, NY, *Measuring the universe* (AMS-MAA).

Joint Special Sessions

History of Mathematics (Code: AMS SS K1), **Karen H. Parshall**, University of Virginia, and **David E. Zitarelli**, Temple University.

Mathematics and Education Reform (Code: AMS SS X1), **Naomi Fisher**, University of Illinois at Chicago, **William H. Barker**, Bowdoin College, **Jerry L. Bona**, University of Texas

at Austin, and **Kenneth C. Millett**, University of California, Santa Barbara.

AMS Invited Addresses

Bonnie Berger, Massachusetts Institute of Technology, *Title to be announced.*

Igor B. Frenkel, Yale University, *Title to be announced.*

Ronald L. Graham, University of California, San Diego, *Title to be announced* (AMS Josiah Willard Gibbs Lecture).

Mark L. Green, University of California, Los Angeles, *Title to be announced.*

Michael J. Hopkins, Massachusetts Institute of Technology, *Title to be announced.*

János Kollár, Princeton University, *Title to be announced* (AMS Colloquium Lecture).

AMS Special Sessions

Analysis on Infinite Dimensional Spaces (in honor of Leonard Gross) (Code: AMS SS N1), **Hui-Hsiung Kuo** and **Ambar N. Sengupta**, Louisiana State University.

Analytic Number Theory (Code: AMS SS P1), **Dorian Goldfeld**, Columbia University.

Asymptotic Behavior of Difference Equations with Applications (Code: AMS SS F1), **Vlajko L. Kocic**, Xavier University, **Abdul-Aziz Yakubu**, Howard University, and **Gerasimos Ladas**, University of Rhode Island.

Braid Groups and Configuration Spaces (Code: AMS SS L1), **Daniel C. Cohen** and **Neal W. Stoltzfus**, Louisiana State University.

Commutative Rings and Monoids (Code: AMS SS G1), **Scott T. Chapman**, Trinity University, and **Evan G. Houston**, University of North Carolina at Charlotte.

Computational Algebraic Geometry for Curves and Surfaces (Code: AMS SS B1), **Mika K. Seppala**, Florida State University, and **Emil J. Volcheck**, National Security Agency.

Discovery Learning: The Moore Method in American Mathematics (Code: AMS SS D1), **John W. Neuberger**, University of North Texas, and **Judy A. Kennedy**, University of Delaware.

Discrete Geometry (Code: AMS SS Y1), **Andras Bezdek**, Auburn University.

Function Theory, Differential Equations and Functional Equations (Code: AMS SS H1), **Gary G. Gundersen**, University of New Orleans, **Ipo Laine**, University of Joensuu, and **Enid M. Steinbart**, University of New Orleans.

Geometric Group Theory (Code: AMS SS A1), **Stephen G. Brick** and **Igor Mineyev**, University of South Alabama, and **Jon M. Corson**, University of Alabama.

Geometry and Topology of Low Dimensional Manifolds (Code: AMS SS M1), **Slawomir Kwasik** and **Terry Lawson**, Tulane University.

Graduate and Postdoctoral Education in Arithmetical Algebraic Geometry: The Arizona Winter School (Code: AMS SS V1), **Douglas L. Ulmer** and **William G. McCallum**, University of Arizona.

Group Cohomology and Applications to Homotopy Theory and Representation Theory (Code: AMS SS J1), **Alejandro Adem**, University of Wisconsin, Madison, and **Jon F. Carlson**, University of Georgia.

Integral Transforms (Code: AMS SS T1), **Gestur Olafsson**, Louisiana State University, **Gunter Lumer**, University of Mons-Hainaut, and **Frank Neubrandner**, Louisiana State University.

Integrals and Series throughout Mathematics (Code: AMS SS E1), **Victor H. Moll**, Tulane University, and **George Boros**, University of New Orleans.

Interaction of Inverse Problems and Image Analysis (Code: AMS SS Z1), **M. Zuhair Nashed**, University of Delaware, and **Otmar Scherzer**, Ludwig-Maximilians-Universität München.

Model Theory (Code: AMS SS AA1), **Steven A. Buechler** and **Sergei Starchenko**, University of Notre Dame.

Nonlinear Evolution Equations and Applications (Code: AMS SS W1), **Ralph A. Saxton**, University of New Orleans, **David H. Wagner**, University of Houston, and **Katarzyna Saxton**, Loyola University.

Operator Theory on Function Spaces (Code: AMS SS Q1), **Zhijian Wu**, University of Alabama, and **Dechao Zheng**, Vanderbilt University.

PDE Models in Population Biology and Epidemiology (Code: AMS SS U1), **J. M. Cushing**, University of Arizona, **Eric T. Funasaki**, Georgia Southern University, **Shandelle M. Henson**, College of William and Mary, and **Anna Maria Spagnuolo**, Texas A&M University.

Partial Differential Equations and Geometric Implications (Code: AMS SS R1), **Vladimir E. Shklover**, Northwestern University.

Representation Theory of Finite and Algebraic Groups (Code: AMS SS C1), **Zongzhu Lin**, Kansas State University, **Daniel K. Nakano**, Utah State University, and **Cornelius Pillen**, University of South Alabama.

Stochastic Analysis and Applications (Code: AMS SS S1), **Padmanabhan Sundar** and **Guillermo S. Ferreyra**, Louisiana State University.

Columbia, South Carolina

University of South Carolina

March 16–18, 2001

Meeting #963

Southeastern Section

Associate secretary: John L. Bryant

Announcement issue of *Notices*: To be announced

Program first available on e-MATH: To be announced

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: To be announced

Deadlines

For organizers: August 16, 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****Meeting #964**

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

Deadlines

For organizers: August 30, 2000
 For consideration of contributed papers in Special Sessions: To be announced
 For abstracts: To be announced

Special Sessions

Algebraic Geometry (Code: AMS SS C1), **B. P. Purnaprajna**, University of Kansas.

Commutative Algebra (Code: AMS SS A1), **Craig Huneke** and **Daniel Katz**, University of Kansas.

Number Theory (Code: AMS SS D1), **Ken Ono**, University of Wisconsin at Madison, **Cristian Popescu**, University of Texas at Austin, and **Tonghai Yang**, Harvard University.

Progress in Numerical Linear Algebra (Code: AMS SS E1), **Ralph Byers**, University of Kansas.

Set Theoretic Topology and Boolean Algebra (Code: AMS SS B1), **William Fleissner**, University of Kansas.

Las Vegas, Nevada

*University of Nevada***April 21–22, 2001****Meeting #965**

Western Section
 Associate secretary: Bernard Russo
 Announcement issue of *Notices*: To be announced
 Program first available on e-MATH: To be announced
 Program issue of electronic *Notices*: To be announced
 Issue of *Abstracts*: To be announced

Deadlines

For organizers: September 21, 2000
 For consideration of contributed papers in Special Sessions: To be announced

For abstracts: To be announced

Special Sessions

Finite Element Analysis and Applications (Code: AMS SS B1), **Jichun Li**, University of Texas and University of Nevada, and **Michael Marcozzi**, **George Miel**, and **Darrell W. Pepper**, University of Nevada.

Geometric and Computational Group Theory (Code: AMS SS A1), **Eric M. Freeden**, Southern Utah University, and **Eric L. Swenson**, Brigham Young University.

Hoboken, New Jersey

*Stevens Institute of Technology***April 28–29, 2001****Meeting #966**

Eastern Section
 Associate secretary: Lesley M. Sibner
 Announcement issue of *Notices*: To be announced
 Program first available on e-MATH: 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

Invited Addresses

Alexander Barvinok, University of Michigan, Ann Arbor, *Title to be announced.*

Robert Calderbank, AT&T Laboratories Research, *Title to be announced.*

Alexei Miasnikov, City College, New York, *Title to be announced.*

Frank Sottile, University of Massachusetts at Amherst, *Title to be announced.*

Special Sessions

Analytic Number Theory (Code: AMS SS A1), **Milos A. Dostal**, Stevens Institute of Technology, and **Werner G. Nowak**, Vienna, Austria.

Computational Algebraic Geometry and Its Applications (Code: AMS SS B1), **Serkan Hosten**, San Francisco State University, and **Frank Sottile**, University of Massachusetts at Amherst.

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 e-MATH: 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

Columbus, Ohio

Ohio State University

September 21–23, 2001

Meeting #968

Central Section

Associate secretary: Susan J. Friedlander

Announcement issue of *Notices*: To be announced

Program first available on e-MATH: To be announced

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: To be announced

Deadlines

For organizers: February 21, 2001

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

For abstracts: To be announced

Chattanooga, Tennessee

University of Tennessee, Chattanooga

October 5–6, 2001

Meeting #969

Southeastern Section

Associate secretary: John L. Bryant

Announcement issue of *Notices*: To be announced

Program first available on e-MATH: To be announced

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: To be announced

Deadlines

For organizers: March 5, 2001

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

For abstracts: To be announced

Williamstown, Massachusetts

Williams College

October 13–14, 2001

Meeting #970

Eastern Section

Associate secretary: Lesley M. Sibner

Announcement issue of *Notices*: To be announced

Program first available on e-MATH: To be announced

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: To be announced

Deadlines

For organizers: March 13, 2001

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

For abstracts: To be announced

Invited Addresses

Yisong Yang, Polytechnic University, *Title to be announced.*

Special Sessions

History of Mathematics (Code: AMS SS A1), **Glen R. Van Brummelen**, Bennington College, **Della D. Fenster**, Richmond University, and **James J. Tattersall**, Providence College.

Number Theory, Holomorphic Dynamics, and Algebraic Dynamics (Code: AMS SS B1), **Robert L. Benedetto**, University of Rochester, **John W. Milnor**, IMS and SUNY Stony Brook, and **Kevin M. Pilgrim**, University of Missouri at Rolla.

San Diego, California

San Diego Convention Center

January 6–9, 2002

Joint Mathematics Meetings, including the 108th Annual Meeting of the AMS, 85th 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: John L. Bryant

Announcement issue of *Notices*: To be announced

Program first available on e-MATH: 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

Montréal, Québec Canada

*Centre de Recherches Mathématiques,
Université de Montréal*

May 3–5, 2002

Eastern Section

Associate secretary: Lesley M. Sibner

Announcement issue of *Notices*: To be announced

Program first available on e-MATH: To be announced

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: To be announced

Deadlines

For organizers: October 3, 2001

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

For abstracts: To be announced

Pisa, Italy

June 12–16, 2002

*First Joint International Meeting between the AMS and the
Unione Matematica Italiana.*

Associate secretary: Lesley M. Sibner

Announcement issue of *Notices*: To be announced

Program first available on e-MATH: 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

Boston, Massachusetts

Northeastern University

October 5–6, 2002

Eastern Section

Associate secretary: Lesley M. Sibner

Announcement issue of *Notices*: To be announced

Program first available on e-MATH: To be announced

Program issue of electronic *Notices*: To be announced

Issue of *Abstracts*: To be announced

Deadlines

For organizers: March 6, 2002

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

For abstracts: To be announced