

# Mathematics Calendar

The most comprehensive and up-to-date Mathematics Calendar information is available on e-MATH at <http://www.ams.org/mathcal/>.

## April 2000

\* April 1 **Midwest Algebraic Number Theory Day**, Ohio State University, Columbus, Ohio.

**Organizing Committee:** S. Brueggeman, K. Conrad, D. Pollack.

**Speakers:** H. Koch (visiting Illinois), K. Ono (Penn State and Wisconsin), J. Ellenberg (Princeton), E. Kushnirsky (Indiana).

**Contributed Talks:** We seek four contributed talks from graduate students. Deadline for application is March 6.

**Information:** The conference Web page is <http://www.math.ohio-state.edu/~brueggem/mwantd.html>. Additional information will be posted on this Web page as it becomes available.

## May 2000

\* 1–2 **DIMACS/IBM Workshop: Data Mining in the Internet Age**, IBM - Almaden, San Jose, California.

**Sponsors:** Dimacs Center and IBM - Almaden.

**Organizers:** R. Agrawal, IBM; J. Feigenbaum, AT&T; P. Raghavan, IBM; and J. Ullman, Stanford Univ.

**Short Description:** The growth of the Internet has led to an explosion in the volume of information being gathered, as well as to the diversity of researchers from various backgrounds—databases, statistics, machine learning, and algorithms—attempting to advance the state of the art in data mining. By bringing together experts from these fields, this workshop aims to provide a forum for fundamental advances in data mining.

**Contacts:** P. Raghavan, IBM, [pragh@almaden.ibm.com](mailto:pragh@almaden.ibm.com).

**Local Arrangements:** J. Hickey, [k53secty@almaden.ibm.com](mailto:k53secty@almaden.ibm.com).

**Information:** <http://www.dimacs.rutgers.edu/Workshops/index.html>.

\* 11–13 **John H. Barrett Memorial Lectures: New Directions in Differential Geometry**, University of Tennessee, Knoxville, Tennessee.

**Organizers:** A. Freire, [freire@math.utk.edu](mailto:freire@math.utk.edu); B. Guan, [guam@math.utk.edu](mailto:guam@math.utk.edu); C. Plaut, [cplaut@math.utk.edu](mailto:cplaut@math.utk.edu).

**Program:** The main speakers are: S.-Y. A. Chang (Princeton/UCLA), T. Colding (Courant Inst.), K. Grove (Maryland), and J. Wolfson (Michigan State). Each will deliver three 1-hour lectures on topics of current research interest. There will also be eight invited talks by the participants.

**Funding:** Organizers expect to be able to provide partial financial support for airfare and accommodations to approximately 30 graduate students and researchers; however, the lectures are open to the mathematical community. Applications for funding (including a brief CV) should be sent to the organizers.

**Information:** Please contact the organizers or visit the Web page <http://www.math.utk.edu/barrett/>.

\* 23–25 **International Conference on the Occasion of the 70th Birthday of Professor Anatolii Asirovich Golódberg: “Entire and Meromorphic Functions”**, Lviv National University, Ukraine.

**Scientific Organizing and Program Committee:** I. V. Ostrovskii (Bilkent Univ., Turkey, co-chairman), M. M. Sheremeta (Lviv Univ., co-chairman), A. E. Eremenko (Purdue Univ.), A. A. Kondratyuk (Lviv Univ.), V. M. Kyrylych (Lviv Univ.), Ya. G. Prytula (Lviv Univ.), O. B. Skaskiv (Lviv Univ.), P. M. Tamrazov (Inst. of Math., Kyiv), M. V. Zabolotskyi (Lviv Univ.), M. M. Zarichnyi (Lviv Univ.).

**Scientific Program:** Value distribution theory of meromorphic functions, asymptotic properties of entire and meromorphic functions, meromorphic solutions of differential equations, subharmonic functions, Dirichlet series.

**Information:** Further details may be found on the Web site <http://www.franko.lviv.ua/faculty/mechmat/>.

**This section** contains announcements of meetings and conferences of interest to some segment of the mathematical public, including ad hoc, local, or regional meetings, and meetings and symposia devoted to specialized topics, as well as announcements of regularly scheduled meetings of national or international mathematical organizations. A complete list of meetings of the Society can be found on the last page of each issue.

**An announcement** will be published in the *Notices* if it contains a call for papers and specifies the place, date, subject (when applicable), and the speakers; a second announcement will be published only if there are changes or necessary additional information. Once an announcement has appeared, the event will be briefly noted in every third issue until it has been held and a reference will be given in parentheses to the month, year, and page of the issue in which the complete information appeared. Asterisks (\*) mark those announcements containing new or revised information.

**In general**, announcements of meetings and conferences held in North America carry only the date, title of meeting, place of meeting, names of speakers (or sometimes a general statement on the program), deadlines for abstracts or contributed papers, and source of further information. Meetings held outside the North American area may carry more detailed information. In any case, if there is any application deadline with respect to participation in the meeting, this fact should be noted. All communications on meetings and conferences in the mathematical sciences

should be sent to the Editor of the *Notices* in care of the American Mathematical Society in Providence or electronically to [notices@ams.org](mailto:notices@ams.org) or [mathcal@ams.org](mailto:mathcal@ams.org).

**In order** to allow participants to arrange their travel plans, organizers of meetings are urged to submit information for these listings early enough to allow them to appear in more than one issue of the *Notices* prior to the meeting in question. To achieve this, listings should be received in Providence **six months** prior to the scheduled date of the meeting.

**The complete listing** of the Mathematics Calendar will be published only in the September issue of the *Notices*. The March, June, and December issues will include, along with new announcements, references to any previously announced meetings and conferences occurring within the twelve-month period following the month of those issues. New information about meetings and conferences that will occur later than the twelve-month period will be announced once in full and will not be repeated until the date of the conference or meeting falls within the twelve-month period.

**The Mathematics Calendar**, as well as Meetings and Conferences of the AMS, is now available electronically through e-MATH on the World Wide Web. To access e-MATH, use the URL: <http://e-math.ams.org/> (or <http://www.ams.org/>). (For those with VT100-type terminals or for those without WWW browsing software, connect to e-MATH via Telnet (<telnet> [e-math.ams.org](http://e-math.ams.org); login and password [e-math](http://e-math)) and use the Lynx option from the main menu.)

- \* May 24 **A Celebration of Mathematical Thought**, College de France, Paris, France.  
**Description:** The second mathematics meeting organized by the Clay Mathematics Institute will take place on Wednesday afternoon, May 24, 2000, at the College de France. It will feature mathematical lectures, presentation of the CMI Award, and the announcement of CMI plans for the millennium. This will be followed on May 25 by lectures given by various CMI Fellows and Awardees.  
**Information:** Further details will be announced at <http://www.ClayMath.org/>.
- \* 28-30 **Madison Conference on Nonlinear Analysis 2000**, Univ. of Wisconsin, Madison, Wisconsin.  
**Organizing Committee:** M. Slemrod, S. B. Angenent.  
**Invited Speakers:** H. Brezis (Rutgers Univ. and Univ. Paris VI), H. Hofer (NYU), M. Crandall (UC Santa Barbara), J. N. Mather (Princeton Univ.), S. Bolotin (Moscow State Univ.), V. Coti-Zelati (Univ. of Naples), P. Rabinowitz (UW Madison).  
**Funding:** Participation by beginning researchers (postdocs, recent Ph.D.'s, graduate students) is encouraged, and funds for partial support of travel and local expenses are available.  
**Information:** M. Slemrod (slemrod@math.wisc.edu).
- June 2000**
- \* 5-10 **VIII International Conference: Groups and Group Rings**, Politechnika, Śląska, Gliwice, Poland.  
**Organizing Committee:** J. Galuszka, W. Holubowski, O. Macedonska, V. Sushchansky (Gliwice), with cooperation of J. Krempa (Warsaw Univ.) and C. Baginski (Bialystok Univ.).  
**Main Speakers:** A. A. Bovdi, C. K. Gupta, N. D. Gupta, E. Khukhro, O. H. Kegel, A. N. Krasilnikov, D. M. Riley, N. A. Vavilov, J. S. Wilson.  
**Program Committee:** E. Khukhro, O. H. Kegel, J. Krempa, O. Macedonska, A. Yu. Olshanskii, D. S. Passman, V. Sushchansky, J. S. Wilson.
- \* 7-9 **The Legacy of John Charles Fields Symposium (World Mathematical Year 2000)**, Royal Ontario Museum, 100 Queen's Park, Toronto, Canada.  
**Organizer:** Organized by The Fields Institute for Research in Mathematical Sciences.  
**Program:** The following have agreed to participate in a celebration of the history of the Fields Medal: Sir Michael Atiyah (Edinburgh), Alan Baker (Cambridge), Richard Borcherds (Berkeley), Alain Connes (Collège de France, IHES), Timothy Gowers (Cambridge), Vaughan Jones (Berkeley), Maxim Kontsevich (IHES), John Milnor (Stony Brook), Stephen Smale (City Univ. of Hong Kong). Historical lectures will be presented by Tom Archibald (Acadia), Michael Monastyrsky (Institute for Theoretical and Experimental Physics, Moscow). The following Medalists will present at MATH 2000 in Hamilton, June 10-14, 2000: Pierre-Louis Lions (Paris IX), David Mumford (Brown), Efim Zelmanov (Yale).  
**Scientific Program Committee:** J. Arthur, J. Chadam, D. Dawson, G. Elliott (chair), P. Fillmore, N. Ghoussoub, B. Hodgson, J. Hurtubise, J. Marsden, C. Morawetz, C. Riehm, and L. Vinet.  
**Information:** Register at <http://www.fields.utoronto.ca/jcfields-legacy.html> or by e-mail: [jcfields@fields.utoronto.ca](mailto:jcfields@fields.utoronto.ca).
- \* 11-13 **2000 Lehigh University Geometry/Topology Conference**, Lehigh University, Bethlehem, Pennsylvania.  
**Program:** Invited lectures and contributed talks in geometry and topology.  
**Main Speakers:** M. Bridson (Oxford), W. Goldman (Maryland), T. Goodwillie (Brown), B. Lawson (Stony Brook), D. Bar-Natan (Hebrew Univ.).  
**Deadlines:** Please submit registration form by May 15 and abstract by May 1 if you wish to give a talk.  
**Information:** D. Johnson, [david.johnson@lehigh.edu](mailto:david.johnson@lehigh.edu) or <http://www.lehigh.edu/~dlj0/geotop.html>.
- \* 11-16 **AMS-IMS-SIAM Joint Summer Research Conference on Symbolic Computation**, Mount Holyoke College, South Hadley, Massachusetts.  
**Information:** <http://www.ams.org/meetings/>.
- \* 12-13 **DIMACS Workshop on Multimedia Streaming on the Internet**, DIMACS Center, Rutgers University, Piscataway, New Jersey.  
**Sponsors:** DIMACS Center.  
**Organizers:** L. Gao, Smith College, and J. Rexford, AT&T Labs.  
**Short Description:** We have seen a dramatic growth of multimedia applications such as video and audio streaming over the Internet. Server and network resources have proven to be a major limiting factor in the widespread usage of video streaming over the Internet. In order to support a large population of clients, it is essential to have techniques that efficiently utilize server and network resources. The purpose of this workshop is to bring together leading researchers in the field to discuss issues including server media-content delivery scheduling, the server disk I/O scheduling and network support for delivering multimedia services such as proxy services.  
**Contacts:** L. Gao, Smith College, [gao@cs.smith.edu](mailto:gao@cs.smith.edu).  
**Local Arrangements:** J. Herold, DIMACS Center, [jessicah@dimacs.rutgers.edu](mailto:jessicah@dimacs.rutgers.edu), 732-445-5930.  
**Information:** <http://www.dimacs.rutgers.edu/Workshops/index.html>.
- \* 14-16 **Mathematics and Information Science Problems in XXI Century (International Scientific Conference Devoted to Mathematics Year)**, Kyrgyz State National University (KSNU), Kyrgyzstan.  
**Program:** Plenary and lecture meetings on topology and geometry, differential and integral equations, mathematical physics, applied and calculating mathematics, computer representation of mathematical objects and computer modeling, theory and methodology of creating informational systems, new information technology and architecture, the problem of theory and methodology of teaching mathematics in secondary schools and institutions of higher education.  
**Information:** Available on Web site of KSNU, <http://www.cs.edu.kg/>, <http://www.online.kg/>. Or write to: KSNU, 720033, 547 Frunze str., Bishkek, Kyrgyzstan; tel: + 996-312-66040; fax: +996-312-660395, 660909; e-mail: [sword@iepii.bishkek.su](mailto:sword@iepii.bishkek.su).
- \* 15-17 **Seventeenth Annual Workshop in Geometric Topology**, The Colorado College, Colorado Springs, Colorado.  
**Sponsors:** National Science Foundation and the Colorado College.  
**Organizers:** F. Ancel and C. Guilbault, Univ. of Wisconsin - Milwaukee; D. Garity, Oregon State Univ.; F. Tinsley, Colorado College; D. Wright, Brigham Young Univ.  
**Principal Speaker:** R. E. Gompf, Univ. of Texas-Austin.  
**Talks:** Time periods of approximately 20-30 minutes will be allotted for participants to give talks.  
**Funding:** Limited funds may be available to support travel and living expenses of participants without other means of support.  
**Information:** F. Tinsley, Dept. of Mathematics, Colorado College, Colorado Springs, CO 80903; please use e-mail: [ftinsley@ColoradoCollege.edu](mailto:ftinsley@ColoradoCollege.edu).
- \* 19-24 **Conference on Stochastic Networks**, University of Wisconsin - Madison, Madison, Wisconsin.  
**Organizers:** R. Agrawal, Motorola and Univ. of Wisconsin - Madison, and T. G. Kurtz, Univ. of Wisconsin - Madison.  
**Description:** Stochastic network models play a fundamental role in the development of modern manufacturing, telecommunications, and computer systems. Interest in these models cuts across many scientific disciplines, including operations research, computer science, engineering, mathematics, and statistics. The conference will focus on new models and the requisite analytic and computational methodologies that will help in the engineering of these networks. The conference will be followed by a Workshop on Stochastic Networks, June 26-30, directed at young researchers interested in

developing research programs in the area. All conference participants are welcome to attend the workshop.

**Program:** The program will include approximately 24 invited lectures and a small number of contributed papers.

**Support:** Support to attend the conference and following workshop for graduate students and other young researchers is anticipated.

**Deadlines:** Applications for conference and workshop support: March 15, 2000; Abstracts for contributed papers: April 1, 2000; Registration without late fee: May 1, 2000.

**Information:** Information on registration, lodging, submission of abstracts, and applications for support will be available at <http://www.cms.wisc.edu/~stochnet/>, by e-mail at [stochnet@cms.wisc.edu](mailto:stochnet@cms.wisc.edu), or by contacting S. Ross, Center for the Mathematical Sciences, University of Wisconsin-Madison, 1308 W. Dayton Street, Madison, WI 53715-1149.

\* 19-30 **Lie Theory: Summer School and Workshop**, University of Alberta, Edmonton, Alberta, Canada.

**Organizers:** A. Pianzola and B. Allison.

**Scope:** The school is part of the PIMS Summer School: Algebra 2000. A two-week meeting on Lie theory (Lie groups and Lie algebras): Week 1 (June 19-23): Instructional Component (2 minicourses): A. Pianzola, Univ. of Alberta, Lie algebras; S. Donkin, Queen Mary College, Algebraic groups. Week 2 (June 26-30): Conference Component: Confirmed speakers: G. Benkart, N. Bergeron, Y. Billig, A. Broer, S. Donkin, Y. Gao, M. Gaberdiel, T. Gannon, Y.-Z. Huang, O. Mathieu, K.-H. Neeb, E. Neher, O. Smirnov.

**Information:** There are possibilities for contributed talks. Participants are welcome for either or both weeks. There are special financial possibilities for graduate students. Please check the Web page <http://wren.pims.ubc.ca/algebra2000/>.

\* 26-30 **ICAA 2000: The Third International Conference on Abstract Analysis in Africa**, Berg-en-Dal, Kruger National Park, South Africa.

**Organizing Committee:** L. E. Labuschagne (Univ. of Pretoria, South Africa), P. Mangheni (Makerer Univ., Kampala, Uganda), A. Stroh (Univ. of Pretoria, South Africa), J. Swart (Univ. of Pretoria, South Africa).

**International Steering Committee:** J. Diestel (Kent State Univ.), J. J. Grobler (Potchefstroom Univ. for CHE), A. Pelczynski (Polish Acad. of Sciences, Warsaw), L. Zsido (Univ. of Rome Tor Vergata, Rome).

**Program:** The program will include talks by invited speakers and shorter research talks by other participants.

**Objectives:** (1) to emphasize the interaction between the different topics within abstract analysis, the interaction of abstract analysis with other areas of mathematics as well as with other disciplines like physics and finance; (2) to bring problems of related areas of mathematics to the attention of abstract analysts (by means of lectures by leaders in the field who will indicate directions for future research); (3) to bring the modern methods of abstract analysis to the attention of researchers in related fields; (4) to promote research in the area of abstract analysis; (5) to promote the area of abstract analysis among students and young mathematicians.

**Conference Secretariat:** ICAA 2000, Dept. Maths and Applied Maths, Univ. of Pretoria, 0002 Pretoria, South Africa; tel: +27-12-420-2520; fax: +27-12-420-3893.

**Information:** e-mail: [icaa@math.up.ac.za](mailto:icaa@math.up.ac.za), <http://www.math.up.ac.za/icaa/> or [www.mcs.kent.edu/~icaa/](http://www.mcs.kent.edu/~icaa/).

\* 26-30 **Workshop on Stochastic Networks**, University of Wisconsin-Madison, Wisconsin.

**Organizers:** R. Agrawal, Motorola and Univ. of Wisconsin - Madison, and T. G. Kurtz, Univ. of Wisconsin - Madison.

**Description:** The workshop will be held June 26-30, 2000, in the Pyle Center on the University of Wisconsin - Madison campus following the Conference on Stochastic Networks. The workshop is directed at young researchers interested in developing research programs in the area. The program of the workshop will include lecture series presenting overviews of important methodologies and/or applications which are currently active research areas. F. Baccelli,

École Normale Supérieure and INRIA; F. Kelly, Cambridge Univ.; and W. Willinger, AT&T Labs Research, have agreed to lecture as part of this program. Presentations by participants will help encourage interaction and discussion and will provide an opportunity for comments and advice from the senior researchers.

**Support:** Support for graduate students and other young researchers to attend the workshop is anticipated.

**Deadlines:** Applications for conference and workshop support: March 15, 2000; Abstracts for contributed papers: April 1, 2000; Registration without late fee: May 1, 2000.

**Information:** Information on registration, lodging, submission of abstracts, and applications for support will be available at <http://www.cms.wisc.edu/~stochnet/>, by e-mail at [stochnet@cms.wisc.edu](mailto:stochnet@cms.wisc.edu), or by contacting S. Ross, Center for the Mathematical Sciences, University of Wisconsin-Madison, 1308 W. Dayton Street, Madison, WI 53715-1149.

\* 26-July 7 **Group Theory: Summer School and Workshop**, University of Alberta, Edmonton, Alberta, Canada.

**Organizer:** A. Rhemtulla.

**Scope:** The school is part of the PIMS Summer School: Algebra 2000. A two-week meeting on Group Theory: Week 1 (June 26-30): Instructional Component (4 minicourses): Michel Broue, Representations of groups of Lie type; Peter Kropholler, Cohomological methods; Dan Segal, Residually finite groups; Aner Shalev, Profinite and p-adic analytic groups. Week 2 (July 3-7): Conference Component: Confirmed speakers: Michel Broue, Steve Gersten, Rod Gow, Peter Kropholler, T. Muller, A. Yu. Ol'shanskii, Geoffrey Robinson, Dan Segal, Aner Shalev, Alex Turull. There are possibilities for contributed talks.

**Information:** Participants are welcome for either or both weeks. There are special financial possibilities for graduate students. Please check the Web page <http://wren.pims.ubc.ca/algebra2000/>.

## July 2000

\* 3-5 **International Conference on Monte Carlo and Probabilistic Methods for Partial Differential Equations**, Monte Carlo, Monaco.

**Organizers:** Organized by INRIA and sponsored by NSF.

**Program:** The program of the conference will consist of 6 plenary lectures and about 20 sessions. The topics of the plenary lectures will be: (1) stochastic models in turbulence, by A. J. Chorin (Univ. of California, Berkeley), (2) financial models, by P.-L. Lions (CNRS and Univ. Paris Dauphine, France), (3) the Boltzmann equation, by S. Meleard (Univ. Paris X, France), (4) propagation in random media, by G. Papanicolaou (Stanford Univ.), (5) backward stochastic differential equations and quasilinear PDEs, by E. Pardoux (Univ. of Provence, France), (6) Monte Carlo methods in neutron and photon transport equations, by R. Sentis (CEA, France).

**Call for Papers:** The Scientific Committee wishes to receive proposals for sessions and for individual lectures. A session proposal should consist of: the title of the session and a tentative list of 3-6 lecturers with their approximate titles. Individual lectures will be selected depending on the accepted sessions. The deadline for submissions is February 15, 2000. The accepted sessions will be made known at the end of February 2000. The definitive program will be available in April 2000.

**Information:** <http://www-sop.inria.fr/omega/MONTECARLO/pages/MONTECARLO2000.html> or contact M. Simonetti, INRIA Sophia-Antipolis, 2004 route des Lucioles, BP 93, F-06902 Sophia-Antipolis, France; tel: +33 04 92 38 78 64; fax: +33 04 92 38 79 55; e-mail: [Monique.Simonetti@sophia.inria.fr](mailto:Monique.Simonetti@sophia.inria.fr).

\* 3-14 **Mathematics of Aperiodic Order: Summer School and Workshop**, University of Alberta, Edmonton, Alberta, Canada.

**Organizer:** R. V. Moody.

**Scope:** Part of the PIMS Summer School, Algebra 2000, this is a two-week meeting on the mathematics of aperiodic order and quasicrystals: Week 1 (July 3-7): Instructional Component (3 minicourses): M. Baake, Introduction to aperiodic order, tilings, and diffraction; J. Lagarias, Discrete geometry and aperiodic point sets; B. Solomyak,

Dynamical systems and aperiodic order. Week 2 (July 10-14): Conference Component: Confirmed speakers: J.-P. Allouche, M. Baake, J.-P. Gazeau, U. Grimm, P. Gummelt, J. Lagarias, B. Solomyak. **Information:** There are possibilities for contributed talks. Participants are welcome for either or both weeks. There are special financial possibilities for graduate students. Please check the Web page <http://wren.pims.ubc.ca/algebra2000/>.

\*10-15 **2nd World Conference on Mathematics and Computers in Mechanical Engineering**, Vouliagmeni, Greece.  
**Information:** <http://www.softlab.ntua.gr/~mastor/mcme2000.htm>.

\*10-15 **2nd World Conference on Mathematics and Computers in Physics**, Vouliagmeni, Greece.  
**Information:** <http://www.softlab.ntua.gr/~mastor/mcp2000.htm>.

\*10-15 **4th World Multiconference on Circuits, Systems, Communications & Computers (CSCC 2000)**, Vouliagmeni, Greece.  
**Program:** Four conferences dedicated to the memory of Sidney Darlington.  
**Information:** <http://www.softlab.ntua.gr/~mastor/csccl.htm>.

\*25-30 **Colloquium on Differential Geometry and Its Applications**, Debrecen, Hungary.  
**Information:** <http://pc121.math.klte.hu/diffgeo/>.  
**Registration:** e-mail: [diffgeo@math.klte.hu](mailto:diffgeo@math.klte.hu).

### August 2000

\*August 21 **Geometric and Topological Methods in Concurrency Theory, A Satellite to CONCUR'2000**, Pennsylvania State University, State College, Pennsylvania.  
**Workshop Topics:** This workshop follows last year's "Geometric and Topological Methods in Concurrency Theory" meeting held at Aalborg University, Denmark. The aim is to bring together researchers that apply geometric, topological and algebraic topological methods to formalize and analyze dynamical, concurrent and distributed systems. The spirit of the meeting will be informal and will focus on exchange of information and discussion. It will consist of a number of tutorials, invited talks, together with accepted papers. Abstracts and work in progress reports are encouraged.  
**Submission Deadline:** May 19, 2000.  
**Information:** GETCO'00: <http://www.dmi.ens.fr/~goubault/getco.html>; CONCUR'00: <http://www.cse.psu.edu/concur2000/>; EXPRESS'00: <http://www.docs.uu.se/~victor/Express/express00.shtml>; GETCO'99: <http://www.math.auc.dk/~raussen/admin/workshop/workshop.html>.

\*23-27 **Second International Conference on Deterministic and Stochastic Modeling of Biointeraction**, West Lafayette, Indiana.  
**Organizer:** Department of Mathematics of Purdue University.  
**Aim:** Following the first DESTOBIO organized in Sofia (Bulgaria) in 1997, the aim of the meeting is again to bring together people from the deterministic and stochastic modeling worlds with the expectation that something useful may come out.  
**Topics:** (1) Deterministic and stochastic approaches to mathematical modeling in population dynamics, epidemiology, immunology, genetics, neurophysiology, molecular biology, cell biology, pattern formation, bioecology; (2) Computational biomathematics; (3) Nonlinear dynamics effects, Deterministic and stochastic chaos.  
**Information:** [http://www.math.purdue.edu/~milner/DESTOBIO\\_2000.html](http://www.math.purdue.edu/~milner/DESTOBIO_2000.html). Send e-mail indicating your interest in participating to [destobio@math.purdue.edu](mailto:destobio@math.purdue.edu).

\*27-31 **Equadiff 10, Czechoslovak International Conference on Differential Equations and Their Applications**, Prague, Czech Republic.  
**Honorary Presidents:** I. Babuska, J. Kurzweil.  
**Information:** Address of the conference: Equadiff, Mathematical Institute, Zitna 25, 115 67 Praha 1, Czech Rep.; tel: (+420 2)

22090734; fax: (+420 2) 22211638; <http://www.math.cas.cz/>; e-mail: [equadiff@math.cas.cz](mailto:equadiff@math.cas.cz).

### September 2000

\*September 2000-January 2001 **Infinite Dimensional Lie Theory and Its Applications Program**, Toronto, Canada.  
**Workshops:** Infinite-Dimensional Lie Algebras and Groups: Structure and Geometry, September 25-29, 2000, organized by V. Kac (MIT), O. Mathieu (Lyon), and A. Pianzola (Alberta); Vertex Operator Algebras in Mathematics and Physics, October 23-27, 2000, organized by S. Berman (Saskatchewan), Y. Bilig (New Brunswick), Y.-Z. Huang (Rutgers), and J. Lepowsky (Rutgers); Quasiclassical and Quantum Structures, organized by P. Etingof (MIT) and B. Khesin (Toronto).  
**Information:** <http://www.fields.utoronto.ca/> or e-mail: [lietheory@fields.utoronto.ca](mailto:lietheory@fields.utoronto.ca).

\*22-23 **Ordinary Differential Equations: A Meeting in Honor of Tony Zettl**, Northern Illinois University, DeKalb, Illinois.  
**Organizing Committee:** N. Everitt, B. Harris, Q. Kong, D. McAlister, H. Wu, W. Blair.  
**Speakers:** Don Hinton of the University of Tennessee, Knoxville, and Norrie Everitt of the University of Birmingham will deliver plenary addresses. There will also be approximately a dozen shorter talks.  
**Information:** ODE Conference, Department of Mathematical Sciences, Northern Illinois University, DeKalb, IL 60115; [ode@math.niu.edu](mailto:ode@math.niu.edu); (815) 753-0567; or from the conference Web site: <http://www.math.niu.edu/ZettlFest/>.

\*22-28 **4th International Conference on Functional Analysis and Approximation Theory (4th FAAT)**, Acquafredda di Maratea, Potenza, Italy.  
**Sponsors:** Center for Studies on Functional Analysis and Approximation Theory of the University of Basilicata (Potenza, Italy), Department of Mathematics of the University of Basilicata (Potenza, Italy), Department of Mathematics of the University and of the Polytechnic of Bari (Italy), University of Basilicata (Italy), University of Bari (Italy), Polytechnic of Bari (Italy), National Group of Functional Analysis and Applications (G.N.A.F.A.), Progetti di Ricerca di Interesse Nazionale: Analisi Funzionale (M.U.R.S.T.).  
**Organizing Committee:** F. Altomare ([altomare@pascal.dm.uniba.it](mailto:altomare@pascal.dm.uniba.it)), A. Attalienti ([attalienti@matfin.uniba.it](mailto:attalienti@matfin.uniba.it)), M. Campiti ([campiti@pascal.dm.uniba.it](mailto:campiti@pascal.dm.uniba.it)), B. Della Vecchia ([dellavecchia@iamna.iam.na.cnr.it](mailto:dellavecchia@iamna.iam.na.cnr.it)), G. Mastroianni ([mastroianni@unibas.it](mailto:mastroianni@unibas.it)), M. R. Occorsio ([occorsio@iamna.iam.na.cnr.it](mailto:occorsio@iamna.iam.na.cnr.it)).

**Aim:** To bring together mathematicians and specialists working in functional analysis and approximation theory in order to promote interdisciplinary collaborations and to enhance exchanges of results, techniques and applications between the above disciplines.

**Main Topics:** Banach spaces, Banach lattices, function spaces, (positive) linear operators, semigroups of (positive) linear operators, evolution equations, approximate quadratures and integral equations, approximation methods in abstract spaces and in function spaces, approximation by (positive) operators, interpolation, polynomial approximation, constructive approximation, orthogonal polynomials.

**Confirmed Invited Speakers:** P. Aiena (Palermo), H. Berens (Erlangen), P. Clément (Delft), T. Erdelyi (College Station), C. Franchetti (Firenze), G. Godefroy (Paris), D. S. Lubinsky (Johannesbourg), G. Milovanovic (Nis), G. Monegato (Torino), M. Neumann (Mississippi), P. L. Papini (Bologna), I. Rasa (Cluj-Napoca), B. Silbermann (Chemnitz), V. Totik (Szeged), P. Vertesi (Budapest), L. Weiss (Karlsruhe).

**Scientific Program:** Survey talks by invited speakers (45 min.) and short communications (20 min.).

**Information:** Contact any of the Organizing Committee or visit the Web site <http://www.dm.uniba.it/maratea/FAAT2000.htm>.

### October 2000

\*30-November 3 **Clifford Analysis and Its Applications**, Conference Center of Charles University, Praha, Czech Republic.

**Organizing Committee:** F. Brackx (Ghent), T. Branson (Iowa), J. Gilbert (Austin), V. Soucek (Praha).

**Topics:** Function theory for Dirac operators, conformally invariant operators, harmonic analysis and singular integral operators, representation theoretical aspects, applications in mathematical physics, applications in numerical analysis.

**Information:** <http://www.karlin.mff.cuni.cz/~clifford/>.

### November 2000

\* 1–3 **Workshop on Differential Algebra and Related Topics**, Rutgers University, Newark, New Jersey.

**Organizers:** P. Cassidy (Smith College, emerita), L. Guo (Rutgers Univ., Newark), W. Keigher (Rutgers Univ., Newark), and W. Sit (CUNY).

**Purpose:** This international workshop will bring together experts from different areas related to differential algebra to give expository talks on their fields. The purpose of this workshop is to disseminate the methods and results of differential algebra to other areas, to encourage potential collaborations, and to attract graduate students and new researchers. In order to bring the participants further up to date on the most current research, there will be a Special Session on the same subject at the AMS meeting at Columbia University immediately following this workshop.

**Topics:** History of differential algebra, differential Galois theory, differential algebraic geometry, differential algebraic groups, computational differential algebra, applications to arithmetic geometry, applications to control theory, difference algebra, and Baxter algebra.

**Speakers:** M. Bronstein (INRIA, France), P. Cassidy (Smith College, emerita), R. Churchill (Hunter College (CUNY)), M. Fliess (École Polytechnique, France), H. Gillet (Univ. of Illinois, Chicago), J. Kovacic (Prolifics, Inc.), A. Magid (Univ. of Oklahoma), S. Morrison (Bucknell Univ.), M. Singer (North Carolina State Univ.), W. Sit (CUNY), B. Sturmfels (Univ. of California, Berkeley), and M. van der Put (Univ. of Groningen, The Netherlands).

**Information:** L. Guo or W. Keigher, Dept. of Math. and Comp. Sci., Rutgers Univ., Newark, NJ 07102; e-mail: [liguo@newark.rutgers.edu](mailto:liguo@newark.rutgers.edu) or [keigher@newark.rutgers.edu](mailto:keigher@newark.rutgers.edu); fax: 973-353-5270; <http://newark.rutgers.edu/~nwkmath/diffalg.html>.

\* 27–December 1 **Fourth International Conference on Monte Carlo and Quasi-Monte Carlo Methods in Scientific Computing**, Hong Kong Baptist University, Hong Kong SAR, China.

**Information:** <http://www.mcqmc.org/MCQMC2000.html>; e-mail: [mcqmc2000@www.mcqmc.org](mailto:mcqmc2000@www.mcqmc.org).

### December 2000

\* 20–22 **Mathematics and Computers in Biology and Chemistry (MCBC 2000)**, Montego Bay, Jamaica.

**Sponsor:** World Scientific & Engineering Community (WSES).

**Information:** Web sites: <http://www.worldses.org/wses/mcbc/>, <http://www.worldses.org/wses/mcbe/>; e-mail addresses: [mcbc@worldses.org](mailto:mcbc@worldses.org), [mcbe@worldses.org](mailto:mcbe@worldses.org), [usa@worldses.org](mailto:usa@worldses.org).

\* 20–22 **Mathematics and Computers in Business and Economics (MCBE 2000)**, Montego Bay, Jamaica.

**Sponsor:** World Scientific & Engineering Community (WSES).

**Information:** Web sites: <http://www.worldses.org/wses/mcbc/>, <http://www.worldses.org/wses/mcbe/>; e-mail addresses: [mcbc@worldses.org](mailto:mcbc@worldses.org), [mcbe@worldses.org](mailto:mcbe@worldses.org), [usa@worldses.org](mailto:usa@worldses.org).

\* 20–22 **Acoustics and Music: Theory and Applications (AMTA 2000)**, Montego Bay, Jamaica.

**Sponsor:** World Scientific & Engineering Community (WSES).

**Information:** Web sites: <http://www.worldses.org/wses/mcbc/>, <http://www.worldses.org/wses/mcbe/>; e-mail addresses: [mcbc@worldses.org](mailto:mcbc@worldses.org), [mcbe@worldses.org](mailto:mcbe@worldses.org), [usa@worldses.org](mailto:usa@worldses.org).

### January 2001

\* **January–June Symplectic Topology, Geometry and Gauge Theory Program**, Toronto and Montreal, Canada.

**Workshops:** Quasiclassical and quantum structures, Jan. 9–14, 2001, organized by P. Etingof (MIT) and B. Khesin (Toronto); Symplectic and contact topology field theory, and higher dimensional gauge theory, March 26–April 7, 2001, organized by S. Donaldson (London), B. Dubrovin (Trieste), Ya. Eliashberg (Stanford), A. Givental (Berkeley), B. Khesin (Toronto), and F. Lalonde (Montreal); Hamiltonian group actions and quantization, June 4–13, 2001, organized by L. Jeffrey (Toronto), E. Meinrenken (Toronto), J. Hurtubise (Montreal), and M. Audin (Strasbourg).

**Information:** <http://www.fields.utoronto.ca/symplectic.html>.

### August 2001

\* 5–18 **Groups St. Andrews 2001**, University of Oxford, Oxford, England.

**Aim:** This conference, the sixth in the series of Groups St. Andrews Conferences, will be organized along similar lines to previous events in this series.

**Scientific Organizing Committee:** C. Campbell (St. Andrews), P. Martineau (Oxford), P. Neumann (Oxford), E. Robertson (St. Andrews), G. Smith (Bath), B. Stewart (Oxford), and G. Stoy (Oxford).

**Principal Speakers:** M. D. E. Conder (Auckland), P. W. Diaconis (Stanford), P. P. Palfy (Budapest), M. P. F. du Sautoy (Cambridge), M. R. Vaughan-Lee (Oxford).

**Program:** The speakers have kindly agreed to give short courses of lectures. In addition, there will be a full program of one-hour invited lectures and short research presentations.

**Topics:** The conference aims to cover all aspects of group theory. The short lecture courses are intended to be accessible to postgraduate students, postdoctoral fellows, and researchers in all areas of group theory.

**Accommodations:** These have been booked at St Anne's and Somerville Colleges, University of Oxford, England. Lectures will be held in the Mathematical Institute, University of Oxford.

**Information:** Groups St. Andrews 2001, Mathematical Institute, North Haugh, St. Andrews, Fife KY16 9SS, Scotland; e-mail: [gps2001@mcs.st-and.ac.uk](mailto:gps2001@mcs.st-and.ac.uk); <http://www.bath.ac.uk/~masgcs/gps01/>.