

Mathematics Calendar

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

August 1999

*9-13 **Colloquium on Quantum Groups and Hopf Algebras**, La Falda, Córdoba, Argentina.

Sponsors: Facultad de Matemática, Astronomía y Física, and the Universidad Nacional de Córdoba.

Organizing Committee: N. Andruskiewitsch, W. Ferrer Santos, H.-J. Schneider.

Invited Lecturers: M. Aguiar, M. Beattie, S. Caenepeel, M. Cohen, Y. Doi, S. Gelaki, J. González Lorca, T. Hayashi, A. Masuoka, D. Radford, M. Ronco, P. Schauenburg, A. Solotar, Y. Sommerhauser, M. Takeuchi, B. Torrecillas, R. Trinchero, F. Van Oystaeyen, S. Westreich, Y. Zhu.

Courses: S. Montgomery: Introduction to Hopf algebras; W. Ferrer Santos: Introduction to algebraic groups.

Financial Support: ICTP (Trieste), CONICET (Argentina), CONICOR (Córdoba).

Deadline: For participants: June 30, 1999.

Information: <http://www.mate.uncor.edu/andrus/vaquerias.html>; andrus@famaf.unc.edu.ar; Medina Allende y Haya de la Torre (5000), Ciudad Universitaria, Córdoba, Argentina; fax: 54-351-433-40-54, 469-51-01.

September 1999

*5-8 **Conference Moshe Flato-Advances and Prospects in Physical Mathematics**, Université de Bourgogne, Dijon, France.

Organizers: J. C. Cortet (Univ. Bourgogne, France), Y. Kosmann-Schwarzbach (Polytechnique, France), W. Schmid (Harvard, USA), J. Simon (Univ. Bourgogne, France), D. Sternheimer (Univ. Bourgogne, CNRS, France).

Speakers: Y. Aharonov, L. Boutet de Monvel, A. Connes, L. Faddeev, B. Fedosov, S. Ferrara, J. Fröhlich, C. Frønsdal, S. Gutt, M. Kontsevich, B. Kostant, E. Lieb, W. Schmid, J. Simon, L. Takhtajan.

Information: <http://www.u-bourgogne.fr/monge/cmfe/>; e-mail: cmf@u-bourgogne.fr.

October 1999

*2 **49th Algebra Day**, Carleton University, Ottawa, Canada.

Speakers: I. Agoston (Eotvos Univ., Budapest), P. Russell (McGill Univ., Montreal), A. Weiss (Univ. of Alberta, Edmonton).

Information: D. Daigle (Univ. of Ottawa), e-mail: daniel@castor.mathstat.uottawa.ca; or V. Dlab (Carleton Univ.), e-mail: vd1ab@math.carleton.ca.

November 1999

*7-10 **OR/MS and the Quality of Life**, Philadelphia, Pennsylvania.

Information: <http://www.informs.org/Conf/Philadelphia99/>.

*9-12 **DIMACS Workshop on Codes and Association Schemes**, DIMACS Center, Rutgers University, Piscataway, New Jersey.

Organizers: A. Barg (Bell Labs, Lucent Technologies) and S. Litsyn (Tel Aviv Univ.).

Sponsor: DIMACS Center.

Focus: Applications of algebraic combinatorics, in particular, theory of association schemes to coding theory, account for most of the important structural results and bounds on the size of codes and designs. This link will be the focus of the workshop.

Topics: Applications of the polynomial method; properties of codes in discrete metric spaces; spherical codes, packings of Grassmannians; properties of quantum codes; classification and properties of association schemes; properties of orthogonal polynomials (zeros, asymptotics); constructions of codes related to the above methods.

Information: A. Barg, Bell Labs, Lucent Technologies; abarg@research.bell-labs.com. Local arrangements: P. Pravato, DIMACS Center; pravato@dimacs.rutgers.edu; tel: 732-445-5929; WWW: <http://>

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 or 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; login and password e-math) and use the Lynx option from the main menu.)

dimacs.rutgers.edu/Workshops/
AssociationSchemes.

December 1999

- * 11-13 **CMS Winter 1999 Meeting**, Hôtel du Parc, Montréal (Québec), Canada.
Meeting Committee: Meeting Director: M. Delfour (Montréal), Local Organizing Committee Chair: V. Hussin (Montréal).
Program: The meeting follows an expanded format with a program encompassing nine symposia, various meetings, and plenary talks including the Coxeter-James Lecture and the CMS Doctoral Prize. In addition there will be a Graduate Seminar and a Contributed Papers Session. The meeting will be preceded by the 30th anniversary of the CRM on December 10 at the Univ. de Montréal and followed by the First CMS "Job Fair" on December 14 at the Hôtel du Parc.
Plenary Speakers: A. Dress (Univ. of Bielefeld, Germany), A. Garsia (UCSD), D. Lay (Univ. of Maryland), E. H. Lieb (Princeton), P. Pevzner (USC), Z. Xia (Northwestern and Georgia Tech.).
Prize Lectures: The Coxeter-James Lecture will be given by M. Zworski, Univ. of California at Berkeley. The CMS Doctoral Prize is to be announced.
Public Lecture: J. Chayes (Microsoft Research, Redmond).
Symposia: Confirmed conference titles: Algebraic and geometric methods in differential equations: The 20th century in celestial mechanics and one century of work on Hilbert's 16th problem (CMS-CRM); Applied Logic; Combinatorial algebra, group representations and Macdonald polynomials; Computing and mathematical modelling (CMS-NCM₂); General history of mathematics; Graduate student seminar (CMS-ISM); Mathematical Physics: I. Probability methods and applications and II. Group theory methods and applications (CMS-PIms); Mathematical genetics and genomics (CMS-Fields); Orders, lattices and universal algebra; Teaching of linear algebra.
Contributed Papers: Contributed papers of 15-minutes duration are invited and graduate students are particularly urged to participate. Abstracts must be received before September 30, 1999. The abstract must be accompanied by its contributor's registration form and full payment of appropriate fees.
Related Activities: 30th Anniversary of the CRM: December 10, 1999, Centre de recherches mathématiques, Université de Montréal. For information, please contact L. Pelletier (30e@CRM.UMontreal.CA). **First CMS "Job Fair":** December 14, 1999, Hôtel du Parc. For more information, please contact C. Rousseau (rousseau@DMS.UMontreal.CA).
Information: Canadian Mathematical Society, 577 King Edward, Suite 109, POB 450, Station A, Ottawa, Ontario, Canada K1N 6N5; tel: 613-562-5702; fax: 613-565-1539; e-mail: meetings@cms.math.ca; http://

www.camel.math.ca/CMS/Events/
winter99/.

January 2000

- * 10-14 **San Diego Symposium on Asymptotics and Applied Analysis**, San Diego State University, San Diego, California.
Focus: This symposium will emphasize recent advances in asymptotic analysis, especially as applied to problems involving difference equations, differential equations, and functions defined by integrals.
Topics: The topics will include representations for solutions of ordinary differential equations in large sectors of complex plane, large parameter expansions, and asymptotic methods involving special functions. Included also will be new results related to exponentially improved asymptotics and hyperasymptotics, summation of divergent solutions, connection problems, and error analysis of asymptotic approximations. Related physical applications involving asymptotic analysis will also be covered under the scope of the symposium—for example, new results in wave physics and tunneling in quantum mechanics.
Organizers: T. M. Dunster and D. A. Lutz, Dept. of Mathematical Sciences, San Diego State Univ., San Diego, CA 92182-7720.
Invited Speakers: R. Askey (Wisconsin), W. Balsler (Ulm, Germany), C. Bender (St. Louis), M. Berry (Bristol, UK), B. L. J. Braaksma (Groningen), F. W. J. Olver (Maryland), F. Pham (Nice, France), R. Schaefer (Strasbourg, France), Y. Sibuya (Minneapolis), N. Temme (Netherlands), and R. Wong (Hong Kong).
Contributed Talks: There will be opportunities for contributed talks of 30 minutes in the three areas listed above. Those participants wishing to give talks should indicate this to the organizers, providing a title and short abstract.
Deadline: The deadline for the title and abstract of contributed talks is Nov. 1, 1999.
Support: Postdoctoral and graduate students, and especially those from under-represented groups in mathematics, are encouraged to attend; there will be some limited NSF support available to cover the local expenses for such participants. Those interested should contact the organizers for more details.
Information: For further information and updates on the program, as well as information regarding travel and accommodations, see the Web site: http://www.sci.sdsu.edu/math_cs/asymptotics2000/ or contact the organizers via e-mail: dunster@math.sdsu.edu or lutz@math.sdsu.edu.

May 2000

- * 24-26 **Advances in Fluid Mechanics**, Montreal, Canada.
Organizer: Wessex Institute of Technology, Southampton, UK.

Sponsor: Dalhousie Univ., Halifax, Canada.
Objectives: The conference covers a wide range of topics, with emphasis on new applications and research currently in progress. The basic mathematical formulations of fluid mechanics and their computer modelling will be discussed, as well as the relationship between experimental and analytical results.
Information: Conference Secretariat, Wessex Institute of Technology, Ashurst Lodge, Ashurst, Southampton, SO40 7AA, UK; tel: 44-0-23-80-293223; fax: 44-0-23-80-292853; e-mail: wit@wessex.ac.uk.

June 2000

- * 14-17 **International Workshop in Operator Theory and Its Applications (IWOTA 2000)**, Bordeaux Univ., Bordeaux, France.
Topics: Operator theory and related topics of mathematics and its applications (differential operators, reproducing kernel spaces, Hankel and Toeplitz operators, harmonic analysis, control theory, system theory, and signal processing).
Invited Speakers: V. M. Adamyan, D. Alpay, A. Boettcher, L. de Branges, R. F. Curtain, K. Davidson, C. Foias, I. Gohberg, W. Helton, R. Kaashoek, A. Megretski, Y. Meyer, S. N. Naboko, J. Partington, G. Pisier, C. Sadosky, E. B. Saff, K. Seip, O. Staffans, S. Treil, S. Verduyn Lunel.
Organizing Committee: L. Baratchart (Sophia-Antipolis), A. Borichev (Bordeaux), G. Cassier (Lyon), J. Esterle (Bordeaux), N. Nikolski, chairman (Bordeaux and St. Petersburg), V.-H. Vasilescu (Lille). President of the steering committee of IWOTA: I. Gohberg (Tel Aviv).
Information: Further information, including deadlines, registration information, etc., will be available from the conference Web site: <http://www.math.u-bordeaux.fr/~iwota/>.