# Mathematics Calendar

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

## February 1999

* 25–27 **Second New Mexico Analysis Seminar**, University of New Mexico, Albuquerque, New Mexico.

**Main Lecturer**: G. Pisier (Texas A&M, Univ. Paris VI), Similarity problems and the generation of operator algebras with bounded length.

**Aim**: This is the second conference organized jointly by The University of New Mexico (UNM) and New Mexico State University (NMSU), to provide an opportunity for scientific exchange and cooperation among broadly defined analysts in the Southwest region. The conference centerpiece is a series of one-hour lectures given by a keynote speaker. There is also time allocated for shorter contributed talks. If you would like to attend and/or give a talk, please respond by January 31 so that arrangements can be made. We will try to cover accommodation for graduate students.

**Organizers**: J. Alvarez, jalvarez@nmsu.edu; J. Lakey, jlakey@nmsu.edu; V. Koltchinskii, vlad@math.unm.edu; C. Pereyra, crisp@math.unm.edu.

**Information**: Contact C. Pereyra, crisp@math.unm.edu.

## March 1999

* 16–18 **German-American Academic Council Lectures on Prophet Theory**, Lehigh University, Bethlehem, Pennsylvania.
**Information**: B. K. Ghosh, Department of Mathematics, Lehigh Univ., 14 E. Packer Ave., Bethlehem, PA 18015; tel: 610-758-3722; e-mail: bkg0@lehigh.edu.

## April 1999

* 15–17 **4th April Dialogue**, National Science Foundation and the Hilton Arlington & Towers, Arlington, Virginia.
**Information**: Contact: Council on Undergraduate Research, 734 15th Street, NW, Suite 550, Washington, DC 20005; tel: 202-783-4810; fax: 202-783-4811. For more information please visit our Web site: http://www.cur.org/.

* 17–18 **Riviere-Fabes Symposium on Analysis and PDE**, University of Minnesota, Minneapolis, Minnesota.
**Organizers**: M. Jodeit, N. Krylov, W. Littman, W. M. Ni.
**Main Speakers**: J. Bourgain (Institute for Advanced Study), C. Kenig (University of Chicago).
**Support**: A limited amount of financial support will be available to out-of-town graduate students who participate in the symposium.
**Information**: School of Mathematics, University of Minnesota, 206 Church Street S.E., 127 Vincent Hall, Minneapolis, MN 55455; tel: 612-625-5591, jodeit@math.umn.edu, or Web page: http://www.math.umn.edu/.

* 18–24 **Spring School on Functional Analysis**, Paseky nad Jizerou, Czech Republic.
**Program Committee**: J. Lukes, J. Kolar.
**Organized By**: Department of Mathematical Analysis, Charles University, Sokolovska 83, Prague, Czech Republic.
**Speakers**: J. M. F. Castillo (Universidad de Extremadura, Spain), V. Fonf (Ben-Gurion University, Negev, Israel), N. Kalton (Univ. of Missouri, Columbia), I. I. Namioka (Univ. of Washington, Seattle).
**Participation**: Graduate students and others beginning their mathematical careers are encouraged to participate.
**Information**: Phone/fax: +420-2-232-3390; e-mail: paseky@karlin.mff.cuni.cz; URL: http://www.karlin.mff.cuni.cz/katedry/kma/ss/.

## May 1999

* 26–30 **Great Plains Operator Theory Symposium**, Iowa State University, Ames, Iowa.
**Aim**: To foster interaction of researchers in operator theory/operator algebras and ap-

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**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.)

plications. In addition to principal lecturers, participants are invited to give 20-minute talks. Graduate students are welcome.
**Invited Speakers**: W. Arveson (Univ. of California, Berkeley), M.-D. Choi (Univ. of Toronto), Y. Latushkin (Univ. of Missouri), H. Lin (Univ. of Oregon), S. Power (Univ. of Lancaster, U.K.), B. Solel (Technion-Israel Institute of Technology), V. S. Sunder (Institute of Mathematical Sciences, Madras, India).
**Information**: Contact J. R. Peters, Y. T. Poon or B. H. Wagner at gpots@iastate.edu. Also, see our Web page at http://www.math.iastate.edu/. Or write us at Department of Mathematics, Iowa State University, Ames, Iowa 50011.

## June 1999

* 6–19 **Second Summer School of Mathematical Biology**, Termoli, Italy.
**Subject**: The subject of the school will be mathematical methods applied to the study of cell and molecular biology.
**Goal**: The goal of the school is to offer doctoral students and young postdoctoral researchers a presentation of some mathematical techniques widely used in modelling problems in cell physiology and proliferation, together with a review of a selection of some such problems of contemporary relevance. The target audience is mainly composed of advanced graduate students and post-graduates in the life sciences and in mathematical disciplines (math, applied math, physics, engineering).
**Classes**: Duration of the school is two weeks, including 10 days of classes, Monday through Friday. Each day there will be 8 lecture units of 40 min. by the staff and by invited speakers, practice sessions and lectures contributed by participants.
**Participation**: The number of participants is limited to 60. Interested biological and mathematical researchers, Ph.D. students and postdoctoral fellows are encouraged to apply. While the registration fee is fixed, accommodation costs will be assessed on the basis of effective stay. The foreseen average cost of the school to participants, on the basis of the presently expected funding by institutional sponsors, is of the order of 800 Euro (double room, 15 days, full board and lodging, registration and social programme included). The organizing committee is actively seeking more funding in order to further substantially reduce the cost to participants.
**Scientific Committee**: Z. Agur (Israel), O. Arino (France, President), A. De Gaetano (Italy), M. B. Donati (Italy), A. Gandolfi (Italy), M. Kimmel (USA), M. Mackey (Canada), E. Sanchez (Spain), A. Swierniak (Poland), P. Ubezio (Italy).
**Organizing Committee**: O. Arino, A. De Gaetano (managing director), A. Gandolfi, M. Kimmel.
**Main Topics**: Cell biology; Haemopoiesis: Dynamics of haemopoiesis in normal and disease conditions; Structured cell populations; Cancer therapy and optimization; Cytometry and parameter estimation; Stochastic models in cell genetics.
**Invited Speakers**: (tentative) Z. Agur, O. Arino, J. Belair, E. Beretta, A. Bertuzzi, V. Capasso, R. Chakraborty, M. Chaplain, A. De Gaetano, A. Gandolfi, M. Kimmel, M. Mackey, J. Mahaffy, E. Sanchez, A. Swierniak, Z. Taib, S. Tavare, P. Ubezio, G. Webb. Other speakers are being contacted.
**Information**: An updated description of the school may be found at the Web page http://space.tin.it/scienza/hjcas/biomasch.htm. For all e-mail communications please use the address biomath@tin.it.

* 7–11 **11th International Conference on Formal Power Series and Algebraic Combinatorics (FPSAC'99)**, Universitat Politecnica de Catalunya, Barcelona, Spain.
**Topics**: Algebraic and bijective combinatorics and their relations to other parts of mathematics, computer science and physics.
**Invited Speakers**: G. Andrews (USA), M. A. Fiol (Spain), C. Kenyion (France), V. Neumann-Lara (Mexico), C. Praeger (Australia), A. Ram (USA), D. Welsh (England), J. B. Zuber (France).
**Organizers**: J. M. Brunat, M. Delest, P. Esque, F. Hurtado, C. Martinez, M. Maureso, A. Montes, M. Mora, M. Noy (chair), J. L. Ruiz, C. Seara, O. Serra.
**Information**: http://www-ma2.upc.es/~fpsac99/.

* 27–July 25 **Summer Mathematics Program for Undergraduate Women**, Carleton and St. Olaf Colleges, Northfield, Minnesota.
**Eligibility**: Eighteen students will be selected to participate in the program. Applicants must be female mathematics students who are finishing their first or second year of undergraduate work, are enrolled in an American college or university, and have completed linear algebra but not more than one year of mathematics beyond linear algebra. Students chosen for the program will recieve astipend of $1,300, room and board on campus, and a travel allowance.
**Deadline**: The deadline for applications to be postmarked is February 28, 1999.
**Information**: Further information about the program and instruction for applying can be found at the Web site http://turing.mathcs.carleton.edu/smp/information.html or by contacting D. Haunsperger, Summer Mathematics Program, Department of Mathematics and Computer Science, Carleton College, Northfield, MN 55057; tel: 507-646-4360; e-mail: dhaunspe@mathcs.carleton.edu.

## July 1999

* 8–9 **100 Years After Sophus Lie**, University of Leipzig, Leipzig, Germany.
**Purpose**: The purpose of this conference is to commemorate the great mathematician Sophus Lie, who was a Professor at Leipzig University during his most productive years 1886–1898 and who died at 1899. The conference is devoted to Sophus Lie's work and his impact on modern mathematics.
**Organizing Committee**: K. Beyer (Univ. of Leipzig), J. Jost (Max-Planck-Institute for Mathematics in the Sciences), K. Schmüdgen (Univ. of Leipzig).
**Invited Speakers**: A. Borel (Princeton), S. Helgason (MIT), B. Kostant (MIT), D. Rowe (Mainz), A. Weinstein (Berkeley), to be confirmed.
**Program**: In addition to the invited talks a limited number of talks related to Lie's work and his impact can be given by participants.
**Information**: Those interested please contact e-mail: Lie100@mathematik.uni-leipzig.de. See also the Web page at http://www.mathematik.uni-leipzig.de/Lie100.

* 15–17 **Applications of Physics in Financial Analysis**, Trinity College, Dublin, Ireland.
**Aim**: The scientific aim of this conference is to provide an active forum for cross-disciplinary interaction between economists, financial experts, physicists, and mathematicians.
**Focus**: The conference will focus on analyses and models of financial markets by discussing topics such as market fluctuations, option pricing, risk assessment, and other phenomena of current interest in econophysics, finance, and mathematical and statistical finance. Experts from different field (economists, physicists and mathematicians) are invited.
**Information**: For further information please contact: C. Bastian, EPS Conferences, European Physical Society, BP 2136, 68060 Mulhouse Cedex, France; tel: +33-3-89-32-94-40; fax: +33-3-89-32-94-49; e-mail: eps.conf@univ-mulhouse.fr. Conference Web site: http://www.nbi.dk/APFA/.

* 18–28 **Foundations of Computational Mathematics (FoCM)**, University of Oxford, Oxford, England.
**Information**: See http://www-sccm.stanford.edu/FoCM/for details.

## August 1999

* 8–14 **Second International Conference on Boundary Value Problems, Integral Equations and Related Problems**, Chengde, Hebei, and Beijing, China.
**Topics**: The conference will be about the following five subjects: 1) Various boundary value problems for partial differential equations including free and moving boundary problems; 2) The theory and methods of integral equations including singular integral equations; 3) Applications of boundary value problems and integral equations to mechanics and physics; 4) Numerical methods of integral equations and boundary value problems; 5) Some related problems with analysis and above subjects.
**Organizing Committee**: Z. Y. Hou (Fudan Univ.), W. Lin (Zhongshan Univ.), J. K. Lu

(Wuhan Univ.), G. C. Wen (Peking Univ.), G. W. Yang (Hebei Sci. & Tech. Univ.) and Z. Zhao (Beijing Normal Univ.).
**Information**: For more detailed information, please contact G. C. Wen, Dept. of Math., Peking Univ., Beijing 100871, China; tel: 008610-62755937; fax: 008610-62751801; e-mail: wengc@pku.edu.cn.

* 16–21 **International Conference on Differential and Functional Differential Equations**, Moscow, Russia.
**Organized By**: Moscow State Aviation Institute with the cooperation of the Steklov Institute of Mathematics of the Russian Academy of Sciences and Moscow Mathematical Society.
**Scientific Program**: The scientific program will consist of invited 45-minute lectures and 20-minute communications.
**Topics**: The Conference will be devoted to classical topics of the theory of differential equations and different kinds of nonlocal interactions: the Galois theory of differential equations, multisummability of formal solutions to differential equations, limit cycles and bifurcation, spectral theory, partial differential equations in functional spaces, linear and nonlinear problems of mathematical physics, boundary value problems and nonlocal problems, functional differential equations, applications.
**Program Committee**: H. Amann, W. Balser, M. Bertsch, A. A. Bolibruch, J. Hale, V. A. Ilôin, W. Jager, L. D. Kudryavtsev, S. B. Kuksin, E. Mitidieri, A. D. Myshkis, S. M. Nikolô, O. A. Oleinik (chairman), S. I. Pohozaev, J. Serrin, M. Singer, A. L. Skubachevskii (vice chairman), V. G. Veretennikov.
**Organizing Committee**: E. I. Galakhov, V. A. Ilôin, A. K. Kalliopin, G. A. Kamenskii, E. B. Kuznetsov, S. I. Pohozaev, A. A. Puntus, L. E. Rossovskii, V. N. Seryogin, A. L. Skubachevskii (vice chairman), V. G. Veretenikov (chairman).
**Information**: Those who wish to attend the Conference are kindly requested to send the title of their talk, mailing address, e-mail and fax number to: A. L. Skubachevskii, Moscow State Aviation Institute, Russia, 125871, Moscow, Volokolamskoe shosse, 4; fax: (095) 158 2977; e-mail: skub@k803.mainet.msk.su.

* 25–28 **XI International Workshop on Numerical Methods in Viscoelastic Flows**, Vaals, The Netherlands.
**Topics**: Over the past few years we have witnessed a strong development of numerical methods for viscoelastic flow simulations, and emphasis is shifting towards confrontation with experimental results, enhanced constitutive modelling, stochastic simulations, molecular modelling and multi-dimensional, time-dependent simulations. A continued evolution along these lines is expected and encouraged for the 1999 International Workshop on Numerical Methods in Viscoelastic Flows.
**Registration and Fees**: The meeting location is a historic castle in the south of the Netherlands: Hotel Vaalsbroek. Registration cost includes housing, all breakfasts, lunches and dinners (including conference dinner) and a visit to downtown Maastricht on Friday evening. Registration fees, due before April 1, 1999: single room: DfL. 1,200; double room: Dfl. 1,100; accompanying person: Dfl. 750. The number of participants is limited, therefore it is critical to respond early. Registration and submission of abstract will be via the Web site.
**Information**: Further information about the workshop can be found on the Web page: http://www.mate.tue.nl/ or direct http://www.mate.tue.nl/workshop/.

## September 1999

* 20–24 **The 10th Biennial Computational Techniques and Applications Conference and Workshops (CTAC99)**, Australian National University, Canberra, Australia.
**Topics**: A conference and workshops on aspects of computational mathematics; scientific, technical, and industrial applications; and high-performance computing.
**Invited Speakers**: M. Hegland (Australian National Univ.), S. Hirschman (Oak Ridge National Laboratory), J. Lewis (Boeing Corp.), T. Speed (Univ. of California, Berkeley), G. Steven (Univ. of Sydney), A. Watson (Univ. of Dundee).
**Public Lecture**: J. Dongarra (Univ. of Tennessee and Oak Ridge National Laboratory).
**Workshops**: Data mining, high performance computing, scientific visualisation and virtual environments.
**Organizing Committee**: B. Anderssen, H. Gardner, B. Gingold, L. Grosz, D. Harrar II, M. Hegland, M. Osborne, S. Roberts, T. Tran.
**Information**: Further information, including deadlines, registration information, contact information for workshop organizers, etc., is available from the conference Web site: http://www.maths.anu.edu.au/conferences/CTAC99/. This will be updated as further information becomes available.

## October 1999

* 6–9 **New Trends in the Calculus of Variations**, Lisbon, Portugal.
**Topics**: Variational methods in nonlinear elasticity; variational models for material behavior; homogenization and relaxation methods; nonconvex problems; shape optimization; free discontinuity problems.
**Program**: 30-minute presentations by invited speakers, 15-minute presentations by younger researchers.
**Deadline**: Applications for financial support of graduate students and postdoc fellows should be submitted before May 30, 1999.
**Organizers**: A. C. Barroso and L. Mascarenhas (FC, U. Lisboa), J. Matias and J. Matos (IST, Lisboa).
**Information**: http://www.math.ist.utl.pt/~ntcv99/.

**The following new announcements will not be repeated until the criteria in the next to the last paragraph at the bottom of the first page of this section are met.**

## March 2000

* 16–18 **Seminar on Stochastic Processes, 2000**, The University of Utah, Salt Lake City, Utah.
**Information**: For further information please contact D. Khoshnevisan, (davar@math.utah.edu) or visit the URL: http://www.math.utah.edu/~davar/ssp2000-2.html.