
Mathematics Calendar

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

August 2005

*10–12 **17th Canadian Conference on Computational Geometry**, The Fields Institute for Research in Mathematical Sciences, University of Windsor, Windsor, Ontario, Canada.

Information: email: gensci@fields.utoronto.ca.

*17–19 **Spatial/Temporal Modelling for Marine Ecological Systems**, The Fields Institute for Research in Mathematical Sciences, Dalhousie University, Halifax, Nova Scotia, Canada.

Description: The purpose of the workshop is to bring together researchers in statistics and marine ecology interested in the development of models for the analysis of the complex temporal/spatial data now becoming available. These data include, for example, animal tracking data as well as time series of biological variables from ocean observing systems. Advancements in marine ecology will be realized using these new observations, but not without the development and application of new statistical analysis techniques. Our over-riding goal is to review and further facilitate the identification of appropriate statistical methods and modeling approaches to address outstanding research questions.

Call for Papers: We invite participants to submit poster presentations. There will also be a limited number of oral presentations possible. Submitted abstracts should address one of the major conference themes.

Information: For Registration and Abstract Submission please contact Joanna Mills Flemming.

Important dates: Abstract Submission deadline: May 31, 2005. Registration deadline: June 15, 2005.

Information: email: gensci@fields.utoronto.ca; <http://www.mathstat.dal.ca/>.

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

*17–19 **Workshop on Profinite Groups and Applications**, The Fields Institute for Research in Mathematical Sciences, Carleton University, Ottawa, Ontario, Canada.

Overview: The workshop will consist of a series of mini-courses by renowned specialists in profinite groups that should be accessible to graduate students and of use to researchers in group theory, number theory, algebraic geometry and related areas. There will also be some more specialized talks by invited speakers.

Information: For further information please see the website at: <http://www.fields.utoronto.ca/programs/scientific/05-06/profinite/>; email: gensci@fields.utoronto.ca.

September 2005

*21–24 **Workshop on Jordan Algebras and Related Fields**, The Fields Institute for Research in Mathematical Sciences, University of Ottawa, Ottawa, Ontario, Canada.

Description: The workshop will bring together the leading experts in the theory of Jordan structures (Jordan algebras, Jordan triple systems and Jordan pairs) and researchers from other areas for which Jordan structures play a pivotal role. Its aim is to present some of the many recent advances in the theory of Jordan structures and their applications, to stimulate future work on the outstanding problems in Jordan structures and to foster the interaction between all researchers interested in Jordan theory.

Speakers: The workshop will feature a lecture series by Efim Zelmanov and, in addition, talks by invited speakers. The number of talks is limited, in order to give enough time for informal discussions.

Invited Speakers: T. Cortés (Oviedo), A. Elduque (Zaragoza), J. Faulkner (Virginia), E. Garcia (Madrid), S. Garibaldi (Emory), S.

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 **eight 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/July, 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 the AMS website on the World Wide Web. To access the AMS website, use the URL: <http://www.ams.org/>.

Krutelevich (Ottawa), O. Loos (Innsbruck), C. Martinez (Oviedo), K. McCrimmon (Virginia), H. Petersson (Hagen), I. Shestakov (Saõ Paulo), U. Stenger (Hagen), Y. Yoshii (North Dakota State), E. Zelmanov (UC, San Diego).

Funding: Support for graduate students and postdoctoral fellows: There are limited funds available for graduate students and postdoctoral fellows. If interested please submit an application by June 15, 2005 through the student support application form.

Information: <http://www.fields.utoronto.ca/programs/scientific/05-06/jordanalg/>; email: gensci@fields.utoronto.ca.

October 2005

* **13-15 Workshop on Current Issues in the Analysis of Incomplete Longitudinal Data**, The Fields Institute, Toronto, Ontario, Canada.

Description: This workshop will focus on four main themes: (1) longitudinal data analysis with missing values, (2) measurement errors models, (3) joint modeling of survival and longitudinal data, and (4) models for multi-state data.

For each theme, the workshop will feature an invited overview talk and a few invited talks on some specific topics of current interest. This workshop will be appropriate for university faculty, research staff, data analysts, post-doctoral fellows, and graduate students.

Funding: Send the required information to Professor Peter Song email: song@math.uwaterloo.ca by September 15, 2005.

Information: Registration: The registration fee is \$100 for regular participants, \$25 for graduate students and post-docs. For further information please visit our website at: <http://www.fields.utoronto.ca/programs/scientific/NPCDS/05-06/incomplete/>; email: gensci@fields.utoronto.ca.

* **15-17 The 26th Midwest-Pacific Differential Equations Conference**, University of Alberta, Edmonton, Alberta, Canada.

Description: This conference is the continuation of the Midwest Differential Equations Conference series, and it strives to represent a broader participation from across and beyond Midwest and Pacific regions. The conference is dedicated to Professors Jack W. Macki and James S. Muldowney for the occasion of their retirement from the University of Alberta. It celebrates their distinguished academic careers and their contributions to research and education in the area of differential equations.

Plenary Lectures: One hour plenary lectures will be given by: Lynn Erbe (University of Nebraska-Lincoln), John Mallet-Paret (Brown University), Michael Y. Li (University of Alberta), Robert O'Malley, Jr. (University of Washington), George R. Sell (University of Minnesota), Pauline van den Driessche (University of Victoria), James Wong (Hongkong City University), Jianhong Wu (York University), Pietro Zecca (University of Florence).

Contributed Talks: There will also be sessions of contributed talks. A refereed Conference Proceedings will be published by the Canadian Applied Mathematics Quarterly (CAMQ). Depending on funding, partial support may be provided for students and postdocs.

Information: To register online and for further information, please visit the conference website at <http://www.math.ualberta.ca/ami/mwpde.html>.

* **27-28 DIMACS Workshop on Disease Clusters**, DIMACS Center, CoRE Bldg, Rutgers University, Piscataway, New Jersey.

Description: Disease clusters, defined as local excesses of disease in space, time or space and time, represent an important but vexing problem in public health. The workshop will bring together mathematicians, biostatisticians, epidemiologists and public health officials to develop an approach that, while statistically rigorous, is able to address the concerns of the public.

Organizers: Andrew Lawson, University of South Carolina, email: alawson@gwm.sc.edu; Daniel Wartenberg, Robert Wood Johnson Medical School, email: dew@eohsi.rutgers.edu.

Local Arrangements: Maria Mercado, DIMACS Center, email: mercado@dimacs.rutgers.edu, 732-445-5928.

Information: See <http://dimacs.rutgers.edu/Workshops/Clusters/>.

* **28-30 Applications of Methods of Stochastic Systems and Statistical Physics in Biology**, University of Notre Dame, Notre Dame, Indiana.

Goals of the Workshop: Discussion of different applications of methods of stochastic analysis and statistical physics for studying biological systems and stimulation of new interdisciplinary collaborations. Some of the specific topics to be covered include pattern formation in development, aggregation in bacteria colonies, protein folding, regulation of gene expression, immunology, cytoskeleton, biological networks, and genetic drift. This workshop is organized in cooperation with SIAM (Society for Industrial and Applied Mathematics).

Organizers: Mark Alber (Notre Dame), email: alber.1@nd.edu; Albert-Laszlo Barabasi (Notre Dame), email: alb@nd.edu; Yi Jiang (Los Alamos), email: jiang@lanl.gov; James Glazier (IU Bloomington), email: glazier@indiana.edu.

Information: Limited funding may be available to support attendance by graduate students, postdocs and junior faculty. Poster presentations are encouraged and a limited number of contributed talks will also be accepted. For more information visit our website: <http://www.nd.edu/~icsb/wrkshp2005.html>; or contact Betsy Karnes, email: ekarnes@nd.edu; Dr. Mark Alber, email: malber@nd.edu.

November 2005

* **13-16 INFORMS Annual 2005 Meeting**, New Orleans Marriott & Sheraton New Orleans, New Orleans, Louisiana.

Description: The theme of the 2005 Annual Meeting comprises a broad area of application in which our discipline's strengths in modeling, analysis and algorithm design can be utilized to make vital contributions. We focus on the role operations research can play in the interaction between ecological concerns and economic growth. As a natural outgrowth of this theme, the conference program will also emphasize the importance of the relationship between basic research and the practice of operations research.

Information: S. Owens; email: meetings@informatics.org.

* **17-20 Analysis and related topics**, Lviv Ivan Franko National University, Lviv, Ukraine.

Description: The conference is devoted to the S. Mazur centennial, W. Lyantse's 85th anniversary and A. Gol'dberg's 75th anniversary. **Topics:** The following topics will be presented at the conference: complex analysis; functional analysis; topological algebra; history of Lviv mathematics.

Organizers: The Lviv Mathematical Society and Lviv Ivan Franko National University.

Organizing and Program Committee: T. O. Banakh, Eu. V. Cheremnyh, I. E. Chyzhykov (secretary), S. Yu. Favorov, S. Yu. Grishyn, I. Yo. Guran, M. L. Gorbachuk, R. O. Hryniv, B. N. Khabibullin, A. A. Kondratyuk, V. M. Kyrlych, O. V. Lopushanky, I. I. Marchenko, V. K. Maslyuchenko, A. Z. Mokhon'ko, Ya. V. Mykytyuk, A. M. Plichko, I. V. Protasov, Ya. G. Prytula, F. S. Rofe-Beketov, M. M. Sheremeta, I. O. Shevchuk, O. B. Skaskiv, O. G. Storozh, M. V. Zabolotskyi, M. M. Zarichnyi, Yu. B. Zelins'kyi.

Information: <http://www.franko.lviv.ua/faculty/mechmat/Conference/conf2005.htm>; email: analysis05@franko.lviv.ua.

January 2006

* **2-5 Mathematics in the Twentieth Century: In Commemoration of the Birth Centenary of André Weil**, Delhi, India.

Organizer: Mathematical Sciences Foundation, St. Stephen's College, Delhi.

Featured Speakers/Scientific Organizing Committee: Henry Helson, J. P. Kahane, J. P. Pier, Kenneth Ross, Norbert Schloumiuk, Ram Murty, B. S. Yadav, Dinesh Singh.

Information: email: conference.msf@gmail.com, indusahu612@gmail.com; <http://www.mathscifound.org>; Mathematical Sciences Foundation, St. Stephen's College, University of Delhi, Delhi-110007, India; Telephone/Fax: +91- 011-27666300.

*16–20 **Random analytic functions**, AIM Research Conference Center, Palo Alto, California.

Workshop topics: This workshop, sponsored by AIM and the NSF, will be devoted to advancing the theory of random functions and surfaces. The main topics for the workshop are the distribution of zeroes of random analytic functions, discrete random analytic functions, the topology of random real zero sets.

Organizers: Amir Dembo, J. Maurice Rojas, Bernard Shiffman, and Steve Zelditch.

Application deadline: October 15, 2005.

Information: <http://aimath.org/ARCC/workshops/randomzeros.html>.

*22–24 **ACM-SIAM Symposium on Discrete Algorithms (SODA)**, Radisson Hotel Miami, Miami, Florida.

Description: This symposium focuses on research topics related to efficient algorithms and data structures for discrete problems. In addition to the design of such methods and structures, the scope also includes their use, performance analysis, and the mathematical problems related to their development or limitations. Performance analyses may be analytical or experimental and may address worst-case or expected-case performance. Studies can be theoretical or based on data sets that have arisen in practice and may address methodological issues involved in performance analysis.

Information: <http://www.siam.org/meetings/DA06/index.htm>.

April 2006

*20–May 2 **INFORMS Practice Conference: Applying Science to the Art of Business**, Hotel Intercontinental Miami, Florida.

Description: Real-world applications, professional development, best practices and case studies, great networking– all in one in-depth conference.

June 2006

*25–28 **INFORMS International Hong Kong 2006**, Sheraton Hotel & Towers Hong Kong, Hong Kong, China.

Description: Join your colleagues for this international event, bringing O.R. professionals together to present the latest research, introduce methodologies, and share new developments in the field. We are proud to partner with the Hong Kong Operational Research Society and the Operations Research Society of China in organizing this important conference.

Information: <http://www.informs.org/Conf/Hongkong06>.

July 2006

*10–14 **Ninth International Conference on p-adic functional analysis**, University of Concepcion, Concepcion, Chile.

Scientific Committee: A. Escassut, H. Ochsenius, J. Araujo, J. Rivera-Lerelier, J. Aguayo.

Organizing Committee: J. Aguayo (jaguayo@udec.cl); H. Ochsenius (hochsen@mat.puc.cl); X. Vidaux (xvidaux@udec.cl); M. Saavedra (mariansa@udec.cl).

*23–27 **The Ninth International Conference on Integral Methods in Science and Engineering (IMSE-2006)**, Sheraton Fallsview Hotel and Conference Centre, Niagara Falls, Ontario, Canada.

Information: email: spotapenko@uwaterloo.ca.