
Mathematics Calendar

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

May 2002

- * 4–6 **PIMS Thematic Programme on Selected Topics in Mathematical and Industrial Statistics, Workshop on the Role of Statistical Modelling in the 21st Century**, PIMS, Simon Fraser University, Burnaby, British Columbia, Canada.

Organizers: R. Lockhart and C. Dean (SFU) and P. Guttorp (Univ. of Washington).

Description: This workshop will bring together leading practitioners and philosophers of scientific, Bayesian, and frequentist modelling statistics with leading researchers in model assessment, validation, and goodness-of-fit. The goals are to identify opportunities and challenges for model development and criticism and to begin to outline approaches to assessment of complex models.

Contact: pims@pims.math.ca.

Information: For further details, see <http://www.pims.math.ca/stats/>.

- * 6–10 **Advanced Concentrated Course on Long Range Dependence, Heavy Tails and Rare Events with Applications to Finance and Telecommunications**, University of Copenhagen, Denmark.

Lectures: Main lectures by G. Samorodnitsky (Cornell Univ.). Further lectures by S. Asmussen (Lund), P. Albin (Chalmers), M. Taqqu (Boston), and B. Zwart (INRIA).

Organizers: T. Mikosch (Copenhagen), mikosch@math.ku.dk and M. Soerensen (Copenhagen), michael@stat.ku.dk.

Information: Visit the website at: <http://www.maphysto.dk/events/LongRange2002/>.

- * 11–19 **1st PIMS School of Mathematical Biology for Senior Undergraduates**, University of Alberta, Alberta, Canada.

Instructors: M. Lewis, T. Hillen, G. de Vries, and M. Li (Univ. of Alberta).

Brief Description: The aim of this summer school is to introduce students to mathematical modeling and analysis applied to real biological systems.

Contact: R. Bechtel at rbechtel@ualberta.ca.

Information: http://pims.math.ualberta.ca/mathematics_of_biological_system.htm.

- * 12–18 **PIMS Thematic Programme on Selected Topics in Mathematical and Industrial Statistics, International Conference on Robust Statistics (ICORS 2002)**, University of British Columbia, Vancouver, British Columbia, Canada.

Brief Description: This conference will be a forum for new developments and applications of robust statistics and statistical computing. Experienced researchers and practitioners, as well as younger researchers, will come together to exchange knowledge and to build scientific contacts. The conference will center on methods designed for processing large datasets of uneven quality (databases containing outliers, gross errors, missing data, etc.). This conference expects to touch upon many different aspects of data analysis in a fashion which integrates theoretical and applied statistics.

Organizers: L. Fernholz (Temple Univ.), U. Gather (Dortmund), C. Field (Dalhousie), and R. H. Zamar (UBC).

Information: Contact ruben@stat.ubc.ca or visit <http://www.pims.math.ca/stats/>.

- * 14–19 **2002 EAGER Advanced School in Algebraic Geometry: Cycles on Varieties**, Grand Hotel Bellavista, Levico Terme, Trento, Italy.

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

Scientific Organizer: G. Bolondi, Milano.

Short Courses: Will be held by H. Clemens (Salt Lake City) and C. Voisin (Paris).

Information: Available at <http://www.science.unitn.it/cirm/schooleagerprog02.html>.

* 15–17 **DIMACS Workshop on Cryptographic Protocols in Complex Environments**, DIMACS Center, Rutgers University, Piscataway, NJ

Sponsors: DIMACS Center.

Contacts: R. Ostrovsky, Telcordia Technologies, rafael@research.telcordia.com.

Local Arrangements: J. Theimann, DIMACS Center, jennifer@dimacs.rutgers.edu, tel: 732-445-5928.

Short Description: This workshop is aimed at bringing together experts on topics related to the design of cryptographic multiparty protocols to present their on-going work, survey previous work, and discuss future research directions, with strong emphasis on the design, analysis, and implementation of protocols that maintain their security in complex adversarial environments and in particular on the Internet.

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

* 18 **9th Annual East Coast Computer Algebra Day (ECCAD 2002)**, LaGuardia Community College, Long Island City, New York.

Themes: Algebraic algorithms; hybrid symbolic-numeric computation; computer algebra systems and generic programming; mathematical communication; complexity of algebraic problems.

Information: You can preregister and get more information by visiting our World Wide Web site at <http://www.lagcc.cuny.edu/Mathematics/ECCAD2002/>.

* 18–23 **5th PIMS Graduate Industrial Math Modelling Camp**, Simon Fraser University, Burnaby, British Columbia, Canada.

Organizers: J. Maki (Univ. of Alberta), C. Bose (Univ. of Victoria), R. LeVeque (Univ. of Washington), H. Huang (York Univ.), M. Paulhus (Univ. of Calgary), M. Trummer (Simon Fraser Univ.), I. Frigaard (Univ. of British Columbia).

Description: The GIMMC is the first leg of the PIMS Industrial Mathematics Forum which also includes the PIMS Industrial Problem Solving Workshop (IPSW6) to be held at the Univ. of British Columbia, May 27–31, 2002.

The Graduate Mathematics Modelling Camp is designed to give graduate students in the Mathematical Sciences an opportunity to learn techniques of mathematical modeling under the supervision and guidance of experts in the field.

In a first session, the mentors will present the problems, and for the remainder of the week, they will each guide a group of graduate students through to a resolution, culminating in a group presentation and a written document at the end of the week.

The workshop is a preparation for the following IPSW at UBC, and financial support for graduate students is contingent upon their attending both events. Students should arrange for a letter of recommendation from their supervisor.

Contact: sfu@pims.math.ca.

Information: For further details, see <http://www.pims.math.ca/industrial/2002/gimmc/>.

* 19 **Short Course Prior to Conference on Optimization**, Westin Harbour Castle Hotel, Toronto, Canada.

Organizers and Information: Numerical Optimization—Algorithms and Software Organizer: R. Vanderbei, Princeton Univ., Co-instructors: R. Vanderbei, Princeton Univ.; D. F. Shanno, Rutgers Univ.; and H. Y. Benson, Princeton Univ.; Automatic Differentiation Organizer: A. Griewank, The Inst. of Scientific Computing (IWR), Co-instructors: A. Griewank, The Inst. of Scientific Computing (IWR); U. Naumann, INRIA; and A. Walther, Tech. Univ. Dresden.

Information: Contact: meetings@siam.org.

* 20–22 **SIAM Conference on Optimization**, Westin Harbour Castle Hotel, Toronto, Canada.

Description: The field of optimization involves a powerful combination of theoretical analysis, algorithm and software development, and scientific computing. The practical scope and utility of optimization continues to grow. The Seventh SIAM Conference on Optimization will address the most important recent advances in linear, nonlinear, and discrete optimization. The meeting will feature the latest research in algorithms and software for the solution of optimization problems. It will also feature important applications of optimization in control, networks, manufacturing, medicine, finance, aeronautical engineering, operations research, and other areas of science and engineering. The conference will bring together mathematicians, operations researchers, computer scientists, engineers, and software developers.

Information: Contact: meetings@siam.org.

* 20–24 **Fourth Seminar on Stochastic Analysis, Random Fields and Applications; Fourth Minisymposium on Stochastic Methods in Financial Models**, Centro Stefano Franscini, Ascona, Switzerland.

Organizers: R. Dalang, EPFL (Switzerland); M. Dozzi, Univ. Nancy 2 (France); and F. Russo, Univ. Paris 13 (France).

Information: <http://www-math.math.univ-paris13.fr/~russo/Ascona02.html>.

* 21–24 **International Conference on Modern Algebra**, Vanderbilt University, Nashville, Tennessee.

Description: The conference honors the 60th birthday of Ralph McKenzie and is held in conjunction with the 17th annual Shanks Lectures honoring Baylis and Olivia Shanks. There will be two lectures by the Shanks Lecturer, Efim Zel'manov, as well as twenty-seven other invited lectures and numerous contributed talks.

Topics: Groups, semigroups, lattices, ordered algebraic structures, universal algebra, model theory, and interactions between algebra and logic.

Organizers: J. Farley, R. Freese, M. Gould, P. Jipsen, G. McNulty, M. Maroti, A. Ol'shanskii, M. Sapir, S. Tschantz, C. Tsinakis, and M. Valeriote.

Speakers: V. Artamonov, W. Blok, A. Borovik, S. Burris, R. Freese, A. Glass, G. Gratzer, B. Hart, P. Idziak, P. Jeavons, B. Jonsson, K. Kearnes, O. Kharlampovich, C. Laskowski, R. McKenzie, G. McNulty, D. Monk, D. Mundici, A. Myasnikov, J.B. Nation, P. Palfy, B. Plotkin, H. Priestley, A. Szendrei, M. Valeriote, M. Volkov, R. Willard, and Efim Zel'manov.

Information: Information on abstracts, registration, accommodation, etc.: <http://www.math.vanderbilt.edu/~algon02/>.

* 23–25 **PIMS Thematic Programme on Selected Topics in Mathematical and Industrial Statistics, 3rd MITACS Annual General Meeting: Statistics for Large Scale Industrial Modelling**, University of British Columbia, Vancouver, British Columbia, Canada.

Information: Contact pims@pims.math.ca or visit <http://www.pims.math.ca/stats/>.

* 23–25 **SIAM Workshop on Validated Computing**, Westin Harbour Castle Hotel, Toronto, Canada.

Description: Validated Computing 2002 will deal with all aspects on validated computing, although we hope for a special emphasis on applications and on tools to support validated computations. There is also a special opportunity to foster interaction between validated computing experts and the optimization community at large. There will be a special session honoring the contributions of Ramon Moore.

Information: Contact: meetings@siam.org.

* 23–25 **Workshop in Honour of David F. Andrews and Short Course in Microarray Data Analysis**, The Fields Institute, Toronto, Ontario, Canada.

Invited Speakers: D. Brillinger (Univ. of California, Berkeley), D. Cox (Oxford Univ.), J. Robins (Harvard Univ.), P. McCullagh

(Chicago Univ.), E. Thompson (Washington Univ.), A. Kong (deCode Genetics), M. Newton (Univ. of Wisconsin), R. Tibshirani, (Stanford Univ.), T. Speed and colleagues (Walter & Eliza Hall Institute, Univ. of California, Berkeley).

Information: Please contact Program Coordinator mali@fields.utoronto.ca.

*26-June 1 **Informal Working Group on Validated Methods for Optimization**, The Fields Institute, Toronto, Canada.

Organizers: G. Corliss, T. Csendes, K. Jackson, B. Kearfott.

Information: Visit <http://www.fields.utoronto.ca/programs/scientific/01-02/numerical/optimization/>.

*27-31 **6th PIMS Industrial Problem Solving Workshop**, University of British Columbia, Vancouver, British Columbia, Canada.

Brief Description: Six problems will be posed to the workshop participants by industry experts. The problems are relevant and of current interest to the participating industry. The workshop participants (both faculty and graduate students) then spend the rest of the week working on these unsolved problems with the help of a company representative and some select academic 'mentors'. On the fifth day, oral presentations from each group are made before the whole assembly. We invite graduate students and faculty to participate in this exciting and educational event.

Organizers: J. Maki (Univ. of Alberta), C. Bose (Univ. of Victoria), R. LeVeque (Univ. of Washington), H. Huang (York Univ.), M. Paulhus (Univ. of Calgary), M. Trummer (Simon Fraser Univ.), and I. Frigaard (Univ. of British Columbia).

Information: Contact: ipsw@pims.math.ca or visit <http://www.pims.math.ca/industrial/2002/ipsw/>.

*28-31 **International Conference on Functional Analysis and its Applications Dedicated to the 110th Anniversary of Stefan Banach**, Lviv National University, Lviv, Ukraine.

Topics: Geometry, analysis, and approximations in Banach spaces; Spectral methods of functional analysis and mathematical physics; Differential equations in functional and abstract Banach spaces; Function theory; Topology and its applications in functional analysis.

Invited Speakers: Yu. M. Berezanskii (Kyiv), Cz. Bessaga (Warsaw), B. Bojarski (Warsaw), V. I. Bogachev (Moscow), R. Cauty (Paris), V. V. Fedorchuk (Moscow), M. L. Gorbachuk (Kyiv), A. Ya. Helemskii (Moscow), V. M. Kadets (Kharkiv), H. Langer (Vienna), A. M. Plichko (Kirovohrad), Ya. Radyno (Minsk), I. V. Skrypnyk (Kyiv), I. A. Shevchuk (Kyiv), A. A. Shkalikov (Moscow), W. Zelazko (Warsaw).

Information: <http://www.banach.lviv.ua/>; e-mail: banach_conf@franko.lviv.ua; banach_conf@mebm.lviv.ua; tel: +380(322) 741107, +380(322)740352.

June 2002

*1-7 **Minimal Varieties in Geometry and Physics**, SUNY at Stony Brook, Stony Brook, New York.

Organizing Committee: M. Anderson, D. Gromoll, C. LeBrun, M. Rocek, A. Phillips, S. Simanca.

Description: A conference on the occasion of Blaine Lawson's 60th birthday.

Confirmed Speakers: S. Bloch, J. P. Bourguignon, R. Bryant, J. Cheeger, T. Colding, J. Figueroa-O'Farrill, E. Friedlander, H. Gillet, H. Gluck, P. Griffiths, M. Gromov, R. Harvey, D. Hoffman, P. Lima-Filho, R. MacPherson, W. Meeks, W. Minicozzi, R. Osserman, M. Rocek, J. Rosenberg, R. Schoen, I. Singer, G. Tian.

Information: <http://www.math.sunysb.edu/varieties/> or send an e-mail to: varieties@math.sunysb.edu.

*10-14 **PIMS-MITACS Summer School on Applications of Computational Geometry**, Simon Fraser University, Burnaby, BC, Canada.

Information: Contact: pims@pims.math.ca.

*10-15 **Quantum Probability and Infinite Dimensional Analysis**, Levico Terme, Trento, Italy.

Scientific Organizer: L. Accardi (Roma II). The Centro Interdipartimentale Vito Volterra of the University of Roma Tor Vergata also sponsors this conference.

Information: <http://www.science.unitn.it/cirm/>.

*10-16 **NS2002 "Nonstandard Methods and Applications in Mathematics"**, Pisa, Italy.

Description: The congress will consist of two segments. The first one is a satellite conference, June 10-12. The second one is a special session of the joint meeting AMS-UMI, June 12-16. (UMI is the Italian Mathematical Society.) A sub-session "Reuniting the Antipodes: Nonstandard and Constructive Views of the Continuum, II" is scheduled as part of the NS2002 congress.

Sponsors: INDAM-GNSAGA, D. Galilaena.

Organizers: A. Berarducci (Pisa, Italy), N. J. Cutland (Hull, UK), M. Di Nasso (Pisa, Italy), D. Ross (Hawaii, USA).

Invited Speakers Include: S. Albeverio, J. Bell, V. Benci, N. Cutland, K. Hrbacek, R. Jin, H.J. Keisler, P. Loeb, W.A.J. Luxemburg, A. MacIntyre, T. Nakamura, H. Osswald, D. Ross, M. Wolff.

Call for papers: To contribute a talk, submit the title and abstract to: pisa2002@infinitesimals.org.

Information: Please visit our website at: <http://docenti.ing.unipi.it/~o18933/Pisa2002/>.

*16-18 **PIMS-MITACS Workshop on Facility Location Problems**, Simon Fraser University, Burnaby, British Columbia, Canada.

Information: Contact: pims@pims.math.ca.

*16-21 **Current Trends in Commutative Algebra**, Grand Hotel Bellavista, Levico Terme, Trento, Italy.

Scientific Organizers: G. Boffi (Pescara), J. Herzog (Essen), and M. E. Rossi (Genova).

Information: Announcement at <http://www.dima.unige.it/~rossim/Levico.html>.

*17-20 **Second Haifa Workshop on Interdisciplinary Applications of Graph Theory, Combinatorics and Algorithms**, University of Haifa, Israel.

The Rothschild Lecture: R. Tarjan (Princeton Univ.) will deliver the second annual Rothschild Lecture.

Invited Plenary Speakers: R. Connelly (Cornell Univ., Ithaca), A. Hartman (IBM Research, Haifa), A. Hoffman (IBM Research, Yorktown Heights), A. Itai (Technion, Haifa), M. Lewenstein (IBM Research, Yorktown Heights), R. McConnell (Univ. of Colorado, Denver), I. Newman (Univ. of Haifa), G. Sabidussi (Univ. of Montreal), M. Sharir (Tel Aviv Univ.), G. Turan (Univ. of Illinois, Chicago), S. Whitesides (McGill Univ., Montreal).

Information: <http://www.rothschild.haifa.ac.il/graphs02/>.

*17-21 **Second MaPhySto and StocLab Summer School on Stereology and Geometric Tomography**, Sandbjerg Manor, Soenderborg, Denmark.

Speakers: A. Baddeley (Univ. of Western Australia), R. Gardner (Western Washington Univ.), H. J. G. Gundersen (Univ. of Aarhus), E. B. V. Jensen (Univ. of Aarhus), M. Kiderlen (Univ. of Karlsruhe), K. Kieu (Inst. Nat. de la Recherche Agronomique, Versailles).

Organizer: E. B. V. Jensen (Univ. of Aarhus), eva@imf.au.dk.

Information: Further information at <http://www.maphysto.dk/events/S-and-GT2002/>.

*17-28 **MSRI Summer Graduate School on "Excursions in Computational Number Theory-Polynomials with Integer Coefficients"**, PIMS-SFU, Burnaby, British Columbia, Canada.

Organizers: P. Borwein (Simon Fraser Univ.) and M. Filaseta (Univ. of South Carolina).

Information: Visit http://zeta.msri.org/calendar/programs/ProgramInfo/70/show_program/.

* 18–19 **The Fields Institute 10th Anniversary Celebrations**, The Fields Institute, Toronto, Ontario, Canada.

Program: The Institute will be celebrating its 10th anniversary with two days of lectures and visual displays celebrating the mathematicians and activities which have made Fields a unique research facility. Also scheduled is a reception for Fields alumni and friends and a banquet with keynote speaker W. Pulleyblank.

Speakers: S. Cook, Univ. of Toronto; P. Diaconis, Stanford Univ.; M. Golubitsky, Univ. of Houston; V. Jones, Univ. of California at Berkeley; A. MacIntyre, Univ. of Edinburgh; W. Pulleyblank, IBM; C. Rogers, Univ. of Bath; K. Rubin, Stanford Univ.

Information: Please email us at programs@fields.utoronto.ca to be informed of when registration is available or for additional information.

* 19–23 **2nd Canadian Conference on Nonlinear Solid Mechanics**, SFU Harbour Centre, Vancouver, British Columbia, Canada.

Sponsor: PIMS.

Organizers: E. M. Croitoro, cochair (Univ. of Victoria), C. Graham, cochair (Simon Fraser Univ.), R. Choksi (Simon Fraser Univ.), M. Epstein (Univ. of Calgary), M. S. Gadala (Univ. of British Columbia), J. B. Haddow (Univ. of Victoria), T. B. Moodie (Univ. of Alberta), N. Rajapakse (Univ. of British Columbia), P. Schiavone (Univ. of Alberta), and D. J. Steigmann (Univ. of California at Berkeley, USA).

Brief Description: CanCNSM conferences are intended to provide an international forum for communicating recent and projected advances in various areas of nonlinear solid mechanics and materials, to assemble researchers working on common themes from complementary perspectives, and to provide an opportunity for direct information exchange among delegates from academia, research laboratories, and industry. The framework of CanCNSM conferences is truly multidisciplinary.

Scientists from all over the world are encouraged to participate in the conference. All areas of nonlinear solid mechanics as well as areas of linear solid mechanics that are bridging nonlinear aspects are included. The aim of the conference is to have a rich, exciting technical program and an enjoyable social program.

Contact and Information: CanCNSM@pims.math.ca; for further details, see <http://www.pims.math.ca/CanCNSM/>.

* 24–28 **Symposium on Partial Differential Equations To Celebrate the Seventy-Fifth Birthday of James Serrin**, Università degli Studi di Perugia, Italy.

Information: Registration is mandatory, and the conference fee is 100 Euro. The deadline for registration is May 31, 2002. Webpage: <http://dipmat.unipg.it/iniziativa/serrin/>. For further information, contact symposium.serrin@dipmat.unipg.it.

* 24–29 **Conference on Geometry and Its Application in Technology**, Aristotle University of Thessaloniki, Greece

Organizers: Balkan Society of Geometers (Prof. Tsagas, president; Prof. A. Anastasiei, vice president; Prof. C. Udriste, vice president; Prof. R. Miron, honorary president), Aristotle Univ. of Thessaloniki, Politehnica Univ. of Bucharest.

Scientific Conference Committee: Gr. Tsagas, A. Anastasiei, C. Udriste, R. Mirron, W. Klingenberg, Gh. Atanasiu, A. Asada, P. Popescu, V. Balan, Z. Shen.

Program: The scientific sessions of the conference will consist of general lectures and contributed paper sessions. Contributed papers are solicited in all areas of differential geometry, global analysis, and Lie algebras. The conference scientific committee will make final selection of contributed papers for presentation by April 30, 2002.

Abstract Submission: Prospective presenters are invited to mail or e-mail (preferred mode of submission), a one-page abstract. It should include the author's name(s), address(es), e-mail(s), phone and fax numbers, and key words. Papers and abstracts should be submitted by April 1, 2002. See addresses below.

Information: Inquiries regarding the conference should be addressed to: Balkan Society of Geometers, Aristotle University of Thessaloniki, School of Technology, Mathematics Division, Thessaloniki 54006 Greece, Prof. Gr. Tsagas, Tel: 3-0310-995973, Fax: 3-0310-996155, e-mail: Tsagkas@vergina.eng.auth.gr.

July 2002

* 1–5 **PIMS Thematic Programme on Asymptotic Geometric Analysis, Conference on Convexity and Asymptotic Theory of Normed Spaces**, PIMS-UBC, Vancouver, British Columbia, Canada.

Organizers: E. Lutwak (New York), A. Pajor (Marne-La-Valle).

Workshop Topics: Topics include classical convexity, Radon transform and Fourier methods in convexity, asymptotic theory of high dimensional convex bodies, geometric functional inequalities, probabilistic methods in convexity, isoperimetric-type inequalities.

Contact: pims@pims.math.ca.

Information: For further details, see <http://www.pims.math.ca/aga/>.

* 1–5 **AISC'2002: Sixth International Conference on Artificial Intelligence and Symbolic Computation Theory, Implementations and Applications (In conjunction with CALCULEMUS'2002)**, Marseille, France.

Organizer: Université de Provence, Université de Méditerranée, Faculté des sciences de Saint-Jerome, and the LSIS laboratory.

Information: More information is available on the website of the conference: <http://www.cmi.univ-mrs.fr/aisc2002/>.

* 1–6 **Workshop on Optimal Stopping and Stochastic Games**, Banach Center, Mathematical Research and Conference Center, Bedlewo, Poland.

Description: The workshop will be devoted to the classical but still rapidly developing field of stopping of stochastic processes and stochastic games. It has important applications both in real life and other fields of probability theory.

Information: Contact address: Conference OSSG2002, Institute of Mathematics, Wrocław University of Technology, Wybrzeże Wyspińskiego 27, 50-370 Wrocław, Poland; fax: (+48-71) 328 07 51; e-mail: ossg2002@im.pwr.wroc.pl; <http://neyman.im.pwr.wroc.pl/ossg2002/>.

* 2–6 **5th Conference of the European Society of Mathematica and Theoretical Biology on Mathematical Modelling and Computing in Biology and Medicine**, Università and Politecnico di Milano, Milano, Italy.

Topics: Biotechnology and bioengineering; bioinformatics and computational biology; biomedical imaging; cardiovascular system; cell signalling; cellular organisation; ecology; environmental sciences; evolution; immunology; infectious diseases; individual based models; computational neuroscience; visualization; regulatory gene networks.

Program: ECMTB2002 is organized in sections, all of which comprise an invited speaker; minisymposia (2 hours). Posters can also be presented in special sessions.

Information: <http://ecmtb.mat.unimi.it/>; ecmtb@mat.unimi.it.

* 7–24 **32nd Probability Summer School**, Saint-Flour, France.

Program: J. Pitman, Combinatorial stochastic processes; B. Tsirelson, nonclassical diffusions, stochastic flows, and product systems in the light of stability; W. Werner, Conformal invariance and critical exponents for two-dimensional random curves.

Deadline: The deadline for registration is March 31, 2002. The number of participants is limited.

Organizer: J. Picard, Laboratoire de Mathématiques Appliquées, Univ. Blaise Pascal and CNRS, France.

Information: More information and the online registration form can be found at <http://www.lma.univ-bpclermont.fr/stflour/>; e-mail: stflour@math.univ-bpclermont.fr.

- * 8-12 **PIMS Thematic Programme on Asymptotic Geometric Analysis, Concentration Period on Measure Transportation and Geometric Inequalities**, PIMS-UBC, Vancouver, British Columbia, Canada.
Organizers: R. McCann (Univ. of Toronto).
Workshop Topics: This concentration period will focus on transportation of measure methods and their applications; concentration of measure phenomenon, geometric functional inequalities (Brascamp-Lieb, Sobolev, entropy, Cramer-Crao, and like), "isomorphic" form of geometric inequalities; probabilistic methods.
Contact: pims@pims.math.ca.
Information: <http://www.pims.math.ca/aga/>.
- * 8-12 **SIAM 50th Anniversary and 2002 Annual Meeting**, Philadelphia Marriott Hotel, Philadelphia, Pennsylvania.
Information: A celebration of SIAM's 50th birthday, this special annual meeting will look at the strides made by industrial and applied mathematics during the past 50 years and will peek as far as we can see into the next 50. The meeting themes cover SIAM's interests, a partial list of which ranges from analysis to applications, from computing to control to computational science, from dynamics to design, from linear algebra to life sciences, from optimization to outreach.
 The program features plenary lectures, topical presentations, contributed talks, prizes, minitutorials, the community lecture, and, of course, minisymposia, along with diversity day, an evening of professional development, and a gala dinner.
Information: Contact: meetings@siam.org.
- * 8-12 **Workshop on Nonself-adjoint Operator Algebras**, The Fields Institute, Toronto, Ontario, Canada.
Organizer: K. R. Davidson.
List of Confirmed Participants: K. Davidson, The Fields Inst.; A. Donsig, Univ. of Nebraska; A. Hopenwasser, Univ. of Alabama; A. Katavolos, Athens Univ.; E. Katsoulis, East Carolina Univ.; D. Kribs, Univ. of Iowa; L. Marcoux, Univ. of Waterloo; V. Paulsen, Univ. of Houston; J. Peters, Iowa State Univ.; D. Pitts, Univ. of Nebraska; S. Power, Lancaster Univ.; H. Radjavi, Dalhousie Univ. & Univ. of New Hampshire; P. Rosenthal, Univ. of Toronto; B. Solel, Technion Inst.
Information: For further information, please contact Program Coordinator Maryam Ali, mali@fields.utoronto.ca.
- * 14-18 **PIMS Thematic Programme on Selected Topics in Mathematical and Industrial Statistics, Design and Analysis of Experiments 1 (DAE 1)**, Coast Plaza Suite Hotel, Vancouver, British Columbia, Canada.
Brief Description: Many industrial problems are not well explored in the statistical literature. To help North American industry compete globally, advanced statistical methods suitable for real applications need to be further developed. Statistical experimental designs, developed by Sir Ronald Fisher in the 1920s, largely originated from agricultural problems. Although the design of experiments for industrial and scientific problems may have the same basic concerns as design for agricultural problems, there are many differences: (i) industrial problems tend to require investigation of a much larger number of factors and usually involve a much smaller total number of runs (observations), (ii) industrial results are more reproducible, (iii) industrial experimenters are obliged to run their experimental points in sequence and are thus able to plan their follow-up experiments guided by previous results, unlike agriculture, in which all results are often harvested at one time, and (iii) models can be very complicated in industrial and scientific experimentation, sometimes requiring the need for nonlinear models or for computer modelling and finite element analysis.
Organizers: R. Sitter (SFU), D. Bingham (Michigan), B. Ankenman (Northwestern), and A. Herzberg (Queen's Univ.)
Information: Contact pims@pims.math.ca or visit <http://www.pims.math.ca/stats/>.
- * 14-23 **PIMS Thematic Programme on Asymptotic Geometric Analysis, Conference on Phenomena of Large Dimension**, PIMS-UBC, Vancouver, British Columbia, Canada.
Organizers: V. Milman (Tel Aviv), M. Krivelevich (Tel Aviv), L. Lovasz (Microsoft Research), and L. Pastur (Univ. Paris VII).
Workshop Topics: Topics include different phenomena observed in complexity theory, asymptotic combinatorics, asymptotic convexity, statistical physics, and other theories of very high parametric families (or large dimensional spaces); similarities and differences.
Contact: pims@pims.math.ca.
Information: <http://www.pims.math.ca/aga/>.
- * 22-August 6 **PIMS-APCTP-PI Frontiers in Mathematical Physics: Brane Worlds and Supersymmetry Workshop**, University of British Columbia, Vancouver, British Columbia, Canada.
Organizers: A. Karch (Univ. of Washington), J. Ng (TRIUMF, Univ. of British Columbia), M. Rozali (Univ. of British Columbia), A. Rutherford (PIMS), and G. W. Semenoff (Univ. of British Columbia).
Brief Description: This workshop is the seventh in the Frontiers in Mathematical Physics Series. As in previous years, it is jointly sponsored by PIMS and the Asia Pacific Center for Theoretical Physics. This workshop will explore the theory and phenomenology of brane-world scenarios, large extra dimensions scenarios, and supersymmetry. These represent different approaches to solving the traditional problems of physics beyond the standard model.
Contact: fmp@pims.math.ca.
Information: <http://www.pims.math.ca/science/2002/fmp/>.
- * 24-August 5 **PIMS Thematic Programme on Asymptotic Geometric Analysis, Focused Research Groups on Random Methods and High Dimensional Systems**, PIMS-UBC, Vancouver, British Columbia, Canada.
Organizers: V. Milman (Tel Aviv) and N. Tomczak-Jaegermann (Univ. of Alberta).
Workshop Topics: Topics include the asymptotic behavior of different parameters when the dimension, or a number of other relevant free parameters, increases to infinity. The main direction is the study of the asymptotic theory of convex bodies and normed spaces as well as their applications to combinatorics and phase transition phenomena.
Contact: pims@pims.math.ca.
Information: <http://www.pims.math.ca/aga/>.
- * 25-30 **PIMS Thematic Programme on Selected Topics in Mathematical and Industrial Statistics, Filtering Theory and Applications**, University of Alberta and Jasper, Alberta, Canada.
Brief Description: Filtering theory is an active and current research field attracting many applied probabilists. In particular, there is increasing interest in applying filtering theory to real-world problems in areas such as mathematical finance, target detection and tracking, communication networks, pollution tracking, weather prediction, traffic management, search and rescue. We believe that the proposed meeting will help to advance scientific development of filtering theory and its applications and offer benefits to industry. In particular, this meeting will encourage local research activity in this field and identify additional industrially-motivated filtering problems.
Organizers: R. Elliott (Univ. of Calgary), M. Kouritzin, H. Long (Univ. of Alberta), T. Kurtz (Wisconsin-Madison).
Information: Contact pims@pims.math.ca or visit <http://www.pims.math.ca/stats/>.
- * 28-August 9 **4th PIMS School of Environmental and Industrial Fluid Dynamics**, University of Alberta, Edmonton, Alberta, Canada.
Brief Description: Participants will attend a comprehensive series of lectures and will be given hands-on experience performing and analyzing experiments in the Environmental and Industrial Fluid Dynamics Laboratory, as well as running numerical simulations using research-level codes.

Topics will include fluid dynamics fundamentals, industrial and environmental flows, geophysical fluid dynamics, turbulence modelling, and computational fluid dynamics. Subjects will be taught at a graduate level.

Information: Contact fdss@math.ualberta.ca or visit <http://fdss.math.ualberta.ca/>.

August 2002

- * 4–8 **PIMS Symposium on Aperiodic Order, Dynamical Systems, Operator Algebras, and Topology**, University of Victoria, Victoria, British Columbia, Canada.

Information: Contact: pims@pims.math.ca.

- * 4–9 **International Conference on Mathematics in Finance**, Bergen-Dal, Kruger National Park, South Africa.

Scope: The conference will focus on various aspects within the field, with special attention given to the interaction between the different areas, and in particular emphasizing the role of mathematics and statistics. Topics that would be covered include among others: stochastic models; modern methods of risk analysis; quantitative and computational models and methods; methods of financial mathematics; in particular the role of measure theory, functional analysis, and modern stochastics in finance.

Keynote Speakers: The following is a list of keynote speakers who have indicated that they will attend: T. Bjoör, Dept. of Finance, Stockholm School of Economics; F. Delbaen, Dept. of Mathematics, ETH, Zurich; P. Embrechts, Dept. of Mathematics, ETH, Zurich; D. Heath, Dept. of Math. Sci., Carnegie Mellon Univ., Alexander McNeil, Dept. of Mathematics, ETH, Zürich; M. Monoyios, Dept. of Economics & Finance, Brunel Univ., United Kingdom; E. Platen, School of Finance & Economics, UTS, Sydney; G. Samorodnitsky, School of Operations Research and Industrial Engineering, Cornell Univ.

Information: <http://www.mif.up.ac.za/>, e-mail: mif@math.up.ac.za.

- * 5–9 **Stark's Conjectures and Related Topics**, Johns Hopkins University, Baltimore, Maryland.

Description: A conference funded by the National Science Foundation, the Number Theory Foundation, and Johns Hopkins University.

Confirmed Participants: M. Flach (Caltech), B. H. Gross (Harvard), D. Hayes (Amherst), H. M. Stark (San Diego), J. Tate (Austin), K. Rubin (Stanford).

Organizing Committee: D. Burns (david.burns@kcl.ac.uk, King's College, London U.K.); C. Popescu (cpopescu@math.jhu.edu, Johns Hopkins Univ., Baltimore, MD); J. Sands (sands@math.uvm.edu, Univ. Vermont at Burlington, VT); D. Solomon (solomon@math.kcl.ac.uk, King's College, London U.K.).

- * 6–9 **PIMS Thematic Programme on Asymptotic Geometric Analysis, Conference on Noncommutative Phenomena and Random Matrices**, PIMS-UBC, Vancouver, British Columbia, Canada.

Organizers: G. Pisier (Univ. Paris VI and Texas A&M) and S. Szarek (Univ. Paris VI and Case Western Reserve).

Workshop Topics: Topics include the distribution of eigenvalues of random matrices, norms of such matrices, some aspects of free and quantum information theories, applications in many fields, quantized functional analysis and operator spaces, non-commutative L_p spaces.

Contact: pims@pims.math.ca.

Information: <http://www.pims.math.ca/aga/>.

- * 7–11 **Workshop on Geometry, Dynamics, and Mechanics in Honour of the 60th Birthday of J. E. Marsden**, The Fields Institute, Toronto, Ontario, Canada.

Organizing Committee: A. Bloch, P. Newton, T. Ratiu, S. Shkoller, A. Weinstein.

Overview: The workshop will be organized along the seven main themes of Professor Marsden's work: (1) Geometric mechanics,

(2) Fluid mechanics, (3) Elasticity and analysis, (4) Numerical algorithms, (5) Relativity and quantum mechanics, (6) Geometric control theory, (7) Dynamical systems.

Information: Please contact the program coordinator at marsden60@fields.utoronto.ca for information regarding registration.

- * 8–9 **Beyond the Formula Statistics Conference**, Monroe Community College, Rochester, New York.

Description: A conference for teachers of introductory statistics. The central focus will be "How does a classroom instructor actually use the new curriculum ideas and modern techniques to teach a beginning statistics course?" To attend conferences and learn about all the wonderful new ideas presented is great, but it does not go far enough for many instructors. There needs to be more emphasis on exactly how instructors can incorporate these ideas into their course, into their curriculum, into their teaching techniques, into their evaluations. There will be several presentations in the areas of curriculum, teaching techniques, technology usage, and applications.

Information: Please check out our Beyond the Formula website for information about our history and the plans for this year's conference as they develop: <http://www.monroecc.edu/go/beyondtheformula/>.

- * 11–14 **SIAM Conference on Discrete Mathematics**, Handlery Hotel and Resort, San Diego, California.

Description: The purpose of this conference is to highlight the major theoretical advances in the field, the development of new tools for discrete mathematics, and the most significant of the new applications of discrete mathematics to problems arising in industry and business. The conference also seeks to bring together participants from the many different environments where discrete mathematics is developed and applied.

Information: Contact: meetings@siam.org.

- * 11–16 **Geometric and Algebraic Combinatorics 2**, Oisterwijk, The Netherlands.

Organizers: A. Blokhuis (Eindhoven Univ. of Technology), W. Haemers (Tilburg Univ.).

Topics: Algebraic graph theory, finite geometry, and combinatorial designs.

Invited speakers: A. Brouwer (Eindhoven Univ. of Tech.), G. Ebert (Univ. of Delaware), D. Fon-Der-Flaass (Novosibirsk Inst. of Math.), N. Sloane (AT&T Shannon Lab), H. Van Maldeghem (Univ. of Gent).

Information: <http://few.kub.nl/gac2/>.

- * 11–19 **International School "Inverse Problems: Theory and Applications"**, Khanty-Mansiysk, Russia.

School Themes: Theoretical basics for investigation of inverse problems; inverse problems of mechanics, geophysics, tomography, ecology; numerical analysis of inverse problems and applications.

Organizers: Government of Khanty-Mansiysk Autonomous Okrug, Ugra Research Institute of Informational Technologies, Sobolev Institute of Mathematics, Institute of Computational Mathematics and Mathematical Geophysics.

Program: Academicians M. M. Lavrent'ev and A. S. Alekseev will preside the scientific work of the School. The School consists of lectures delivered by invited speakers in the mornings and research seminars in the afternoons where the participants will get a chance to make their reports.

Information: Further information is available at <http://www.math.nsc.ru/conference/invconf>.

- * 12–15 **PIMS Thematic Programme on Asymptotic Geometric Analysis, Conference on Banach Spaces**, PIMS-UBC, Vancouver, British Columbia, Canada.

Organizers: B. Johnson (Texas A&M) and T. Odell (Univ. of Texas, Austin).

Workshop Topics: This conference will focus on the asymptotic theory of Banach spaces and other applications of local theory to

the geometry of infinite dimensional Banach spaces.

Contact: pims@pims.math.ca.

Information: <http://www.pims.math.ca/aga/>.

* 12–15 **The 2002 Workshop on the Solution of Partial Differential Equations on the Sphere**, The Fields Institute, Toronto, Canada.

Organizers: J. Drake, K. Jackson, P. Swartrauber, D. Williamson.

Information: Visit http://www.fields.utoronto.ca/programs/scientific/01-02/numerical/pde_workshop/.

* 13–19 **Discrete, Combinatorial, and Computational Geometry, an ICM Satellite Conference**, Beijing, China.

Description: The conference will provide an opportunity for people working in these three areas of geometry to meet, share ideas and recent results, and work together.

Organizers: J. E. Goodman, R. Pollack, and C. Zong.

Sponsors: Peking University and the National Science Foundation of China.

Invited Speakers: Among those who have confirmed so far are I. Bárány, P. Brass, C. Buchta, R. Connelly, E. D. Demaine, R. Gardner, S. Golomb, E. Grinberg, P. M. Gruber, T. Hales, M. Henk, W.-Y. Hsiang, J. C. Lagarias, D. G. Larman, J. Pach, I. Streinu, G. Tóth, H. Tverberg, J. M. Wills, T. Zamfirescu, G. Zhang, and G. M. Ziegler.

Call for Papers: If you are interested in presenting a short talk (up to 30 minutes), please send an abstract to the local organizer, Chuanming Zong (cmzong@math.pku.edu.cn). The organizers will select the short talks to be presented on the basis of the abstracts submitted.

Information: For information on the conference fee and on possible financial support, please write to C. Zong (cmzong@math.pku.edu.cn).

* 20–27 **Summer School: From Levy Processes to Semimartingales—Recent Theoretical Developments and Applications to Finance**, University of Aarhus, Denmark.

Program: Introduction to Semimartingales and their Basic Algebra, lectures by A. N. Shiryaev, Stek. Inst., Moscow; Change of Time and Measure, lectures by Albert N. Shiryaev, Stek. Inst., Moscow; Stochastic Volatility Models and Some of Their Applications, lectures by N. Shephard, Nuffield College, Oxford; O. E. Barndorff-Nielsen, MaPhySto, Aarhus; and F. Hubalek, Vienna Univ. of Tech. In addition there will be tutorial classes and a number of special invited lectures.

Organizers: O. E. Barndorff-Nielsen, Univ. of Aarhus, e-mail: oebn@imf.au.dk; B. J. Christensen, Univ. of Aarhus, e-mail: bjchristensen@econ.au.dk.

Information: <http://www.maphysto.dk/events/LPS2002/>.

* 25–September 1 **40th International Symposium on Functional Equations**, Gronów, Poland.

Program: We are planning 10 regular sessions, each of them consisting of 7 talks of at most 20 minutes duration, a special session about mean values, a 45-minute survey lecture on iterative functional equations, and about 10 problems and remarks sessions.

Workshop Topics: Functional equations in one and several variables, functional inequalities and mean values, functional equations on algebraic structures, Hyers-Ulam stability, regularity properties of solutions, conditional functional equations and equations on restricted domain, iteration theory, functional-differential equations.

Organizers: Inst. of Math., Univ. of Zielona Góra, Poland.

Speakers: We expect about 70 speakers invited by the Scientific Committee consisting, among others, of J. Aczél (Honorary Chairman; Waterloo, Canada), Z. Daróczy (Debrecen, Hungary), R. Ger (Katowice, Poland), L. Reich (Graz, Austria), A. Sklar (Chicago, USA).

Information: Participation is by invitation only. Those wishing to be invited should send details of their interest and, preferably, publications on the subject to the organizers and/or to a member of the scientific committee before the end of May 2002.

Information: isfe40@uz.zgora.pl.

* 29–September 3 **First Sino-German Meeting on Stochastic Analysis (Satellite Conference to the ICM 2002)**, Beijing, China.

Sections: 1) Geometry on path space (organizer: R. Léandre, e-mail: leandre@iecn.u-nancy.fr), 2) Infinite dimensional analysis, measure-valued processes and Dirichlet forms (organizer: K.-T. Sturm, e-mail: sturm@uni-bonn.de), 3) Noncommutative and quantum probability (organizer: M. Schuermann, e-mail: schurman@uni-greifswald.de), 4) Pseudodifferential operators and jump processes (organizer: N. Jacob, e-mail: N.Jacob@swansea.ac.uk), 5) Random media (organizer: A. Bovier, e-mail: bovier@wias-berlin.de), 6) Statistical mechanics and particle systems (organizer: Yu. Kondratiev, e-mail: kondrat@mathematik.uni-bielefeld.de), 7) Stochastic finance (organizer: M. Schweizer, e-mail: martin.schweizer@mathematik.uni-muenchen.de), 8) Stochastic methods in quantum field theory and hydrodynamics (organizers: P. Blanchard, e-mail: blanchard@physik.uni-bielefeld.de and L. Streit, e-mail: streit@physik.uni-bielefeld.de), 9) Stochastic partial differential equations (organizer: L. Tubaro, e-mail: tubaro@science.unitn.it).

Invited Speakers: L. Accardi, L. Bogachev, V. I. Bogachev, E. Bolthausen, Z. Brzezniak, A. B. Cruzeiro, M. F. Chen, A. Debussche, J. D. Deuschel, B. Driver, A. Eberle, D. Elworthy, S. Fang, B. Ferrario, D. Filipovic, U. Franz, H. Gottschalk, A. Guionnet, I. Gyongy, F. Götze, M. Hino, W. Hoh, P. Hsu, K. Kuwae, X. M. Li, Y. G. Lu, S. Lotoski, F. Merkl, B. Ruediger, A. Sengupta, M. Skeide, W. Stannat, A. Thalmaier, F. Y. Wang, L. M. Wu, A. Zegarlinski, T. S. Zhang.

Information: If you are interested in participating, please contact the organizer of the section closest to your interest and send a copy of your communication to the following address: M. L. Wang (wang@uni-bonn.de).

* 30–September 2 **33rd Iranian Mathematics Conference**, Ferdowsi University, Mashhad, Iran.

Scope: The aim of the Annual Iranian Mathematics Conference is to bring together established and new researchers and graduate students for an exchange of ideas and discussions on all aspects of mathematics. The conference will consist of a series of invited plenary lectures and session for contributed papers.

Organizer: Department of Mathematics, Ferdowsi University of Mashhad.

Chair: A. Niknam.

Invited Speaker: A tentative list can be found on the webpage.

Call for Paper: The abstract should be typed in Latex and sent to the Secretary.

Address and deadline: Secretary of the Conference, Department of Mathematics, Ferdowsi University, P. O. BOX 1159, Mashhad 91775, Iran; e-mail: imc33@math.um.ac.ir; imc33@ferdowsi.um.ac.ir; home: <http://www1.um.ac.ir/~imc33/>; May 5, 2002, to register and submit abstract.

September 2002

* September–December 2002 **Thematic Program on Set Theory and Analysis**, The Fields Institute, Toronto, Canada.

Information: Visit http://www.fields.utoronto.ca/programs/scientific/02-03/set_theory/.

* 1–8 **17th International Workshop on Differential Geometric Methods in Theoretical Mechanics**, Levico Terme, Trento, Italy.

Scientific Organizer: E. Pagani (Trento).

Information: First Announcement at <http://www.science.unitn.it/cirm/DGMTM.1ann.html>.

* 5 **PIMS Numerical Analysis Potlatch 2002**, University of Victoria, Victoria, British Columbia, Canada.

Information: Contact: pims@pims.math.ca.

* 20–21 **AD-HOC NetWorks and Wireless (ADHOC-NOW)**, The Fields Institute, Toronto, Ontario, Canada.

Scope: We are interested in work in progress, experimental and theoretical research in Ad-Hoc, Mobile and Wireless Networks.

Program Co-chairs: M. Barbeau and E. Kranakis, Carleton University, School of Computer Science, Ottawa, Ontario, K1S 5B6, Canada.

Information: For more information see website <http://www.scs.carleton.ca/%7Eadhocnow/>.

October 2002

* 4-5 **SIAM Symposium on Computational Models and Simulation for Intra-Cellular Processes**, Hilton Garden Inn, Washington, DC.

Information: The interaction between the mathematical and computational sciences and biology has been growing in importance in the last decade, but it is still a beginning. There is tremendous room for progress. For example, major advances are needed in mathematical and statistical methods to have significant impact on the prediction and control of spatio-temporal cellular behavior. Some specific processes that are amenable to mathematical methods are networks of molecular interactions such as gene-gene, gene-protein, and protein-protein. Applications of such interactions include discovery of functional modules in cellular systems, and rapid and precise identification of targets and design of intervention methods that influence molecular dynamics.

Information: Contact: meetings@siam.org.

November 2002

* 2-3 **PIMS Cascade Topology Conference**, University of British Columbia, Vancouver, British Columbia, Canada.

Information: Contact: pims@pims.math.ca.

December 2002

* 9-13 **FICOFEST, A Conference in Low-dimensional Topology to Celebrate the Sixtieth Birthday of Francisco Javier "Fico" Gonzalez Acuna**, Universidad Autonoma de Yucatan, Merida, Yucatan, Mexico.

Organizers: M. Eudave-Munoz (UNAM), V. Nunez (CIMAT), L. Armas-Sanabria (UNAM), M. Neumann-Coto (UNAM), J. Seade (UNAM), J. C. Gómez-Larrañaga (CIMAT).

Speakers: M. Boileau, D. Gabai, S. Gitler, C. Gordon, J. Hempel, L. Kauffman, R. Kirby, R. Lickorish, S. López de Medrano, J. Luecke, L. Montejano, K. Murasugi, R. Myers, D. Rolfsen, D. Roseman, M. Scharlemann, P. Scott, H. Short, J. Simon, De Witt Sumners, A. Verjovsky, E. Winkelnkemper

Information: <http://www.matem.unam.mx/ficofest/> or contact M. Eudave-Munoz at: ficofest@ciamat.mx.

January 2003

* 4-6 **SIAM Conference on Imaging Science**, Boston, Massachusetts.

Information: Current developments in the technology of imaging have led to an explosive growth in the interdisciplinary field of imaging science. With the advent of new devices capable of seeing objects and structures not previously imagined, the reach of science and medicine has been extended in a multitude of different ways. The impact of this technology has been to generate new challenges associated with the problems of formation, acquisition, compression, transmission, and analysis of images. By their very nature, these challenges cut across the disciplines of physics, engineering, mathematics, biology, medicine, and statistics. While the primary purpose of this conference is to focus on mathematical issues, the biomedical aspects of imaging will also play an important role.

Information: Contact: meetings@siam.org.

* 12-14 **ACM-SIAM Symposium on Discrete Algorithms**, Hyatt Regency, Baltimore, Maryland.

Information: Contact: meetings@siam.org.

February 2003

* 9 **Short Course Prior to Conference on Computational Science and Engineering**, Hyatt Regency Islandia Hotel and Marina, San Diego, California.

Information: Contact: meetings@siam.org.

* 10-14 **Permutation Patterns**, University of Otago, Dunedin, New Zealand.

Topics: The unifying theme of the conference is permutation patterns. The topics addressed will include enumeration questions, excluded pattern questions, study of the involvement order, algorithms for computing with permutation patterns, applications and generalizations of permutation patterns, and others.

Speaker: H. Wilf.

Registration: \$100 NZ by November 1, 2002, and \$150 thereafter.

Submissions: Extended abstracts (at most 6 pages) of papers to be presented at the conference should be sent to the Program Chair by December 31, 2002.

Program Chair: M. Albert.

Information: See <http://www.cs.otago.ac.nz/staffpriv/mike/PP2003/FirstAnnouncement.html>.

March 2003

* 17-20 **SIAM Conference on Mathematical and Computational Issues in the Geosciences**, Radisson Hotel and Suites Austin, Austin, Texas.

Information: Contact: meetings@siam.org.

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.

May 2003

* 1-3 **SIAM International Conference on Data Mining**, Cathedral Hill Hotel, San Francisco, California.

Information: Contact: meetings@siam.org.

* 20-24 **Fourth Seminar on Stochastic Analysis, Random Fields and Applications Fourth Minisymposium on Stochastic Methods in Financial Models**, Centro Stefano Franscini, Ascona, Switzerland.

Organizer: R. Dalang EPFL (Switzerland), M. Dozzi (Univ. Nancy 2, France), and F. Russo (Univ. Paris 13, France).

Information: <http://www-math.math.univ-paris13.fr/~russo/Ascona02.html>.

* 27-31 **SIAM Conference on Applications of Dynamical Systems**, Snowbird Ski and Summer Resort, Snowbird, Utah.

Information: Contact: meetings@siam.org.

June 2003

* 16-20 **2003 SIAM Annual Meeting**, Queen Elizabeth Hotel, Montreal, Quebec, Canada.

Information: Contact: meetings@siam.org.

July 2003

* 15-19 **SIAM Conference on Applied Linear Algebra**, William and Mary College, Williamsburg, Virginia.

Information: Contact: meetings@siam.org.