
Mathematics Calendar

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

June 2002

1–2 **Conference in Honor of Jan Mycielski**, University of Colorado, Boulder, Colorado. (Feb. 2002, p. 269)

1–4 (REVISED) **2002 ASL Annual Meeting**, Las Vegas, Nevada. (Feb. 2002, p. 269)

1–7 **Minimal Varieties in Geometry and Physics**, SUNY at Stony Brook, Stony Brook, New York. (May 2002, p. 603)

2–6 **7th Valencia International Meeting on Bayesian Statistics**, Tenerife, Canary Islands, Spain. (Apr. 2002, p. 500)

2–7 **Foundations of Probability and Physics-2**, International Center for Mathematical Modelling in Physics, Engineering and Cognitive Sciences, Växjö University, Sweden. (Apr. 2002, p. 500)

2–8 **Combinatorics 2002**, Maratea (Potenza), Italy. (Jan. 2002, p. 56)

3–8 **Abel Bicentennial Conference 2002**, Univ. of Oslo, Oslo, Norway. (Nov. 2001, p. 1228)

3–8 **Algebra Conference–Venezia 2002**, Venice International University, Island of San Servolo, Venice, Italy. (Mar. 2002, p. 355)

3–9 **BIOCOMP2002: Topics in Biomathematics and Related Computational Problems at the Beginning of the Third Millennium**, Vietri sul Mare (Amalfi Coast), Italy. (Feb. 2002, p. 269)

4–13 **3rd Linear Algebra Workshop**, Bled, Slovenia. (Sept. 2001, p. 908)

5–8 **Variational Methods: Open Problems, Recent Progress, and Numerical Algorithms**, Northern Arizona University, Flagstaff, Arizona. (Apr. 2002, p. 501)

5–9 **A Conference in Honour of Hans Wallin**, Umeå, Sweden. (Oct. 2001, p. 1050)

5–9 **Hawaii International Conference on Statistics and Related Fields**, Sheraton Waikiki Hotel, Honolulu, Hawaii. (Feb. 2002, p. 269)

6–8 **Conference on Zero-dimensional Schemes and Related Topics**, Acireale, Italy (Sicily). (Apr. 2002, p. 501)

6–15 **Fourth International Conference on Geometry, Integrability and Quantization**, Sts. Constantine and Elena resort (near Varna), Bulgaria. (Dec. 2001, p. 1366)

* 7–August 1 **AMS-IMS-SIAM Joint Summer Research Conferences**, Mount Holyoke College, South Hadley, Massachusetts.
Information: URL: <http://www.ams.org/meetings/src.html>.

10–13 **The Tenth Conference of the International Linear Algebra Society**, Auburn Univ., Auburn, Alabama. (June/July 2001, p. 630)

10–14 **PIMS-MITACS Summer School on Applications of Computational Geometry**, Simon Fraser University, Burnaby, BC, Canada. (May 2002, p. 603)

10–14 **Théories d'Homologie, Représentations et Algèbres de Hopf**, CIRM, Luminy, Marseille, France. (Jan. 2002, p. 56)

10–15 **Algebraic Transformation Groups**, Centre de Recherches Mathématiques (CRM), Université de Montréal, Montréal (Québec), Canada. (Aug. 2001, p. 752)

10–15 **Quantum Probability and Infinite Dimensional Analysis**, Levico Terme, Trento, Italy. (May 2002, p. 603)

10–16 **Aarhus Topology 2002**, Univ. of Aarhus, Aarhus, Denmark. (Jan. 2001, p. 55)

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/>.

- 10-16 **NS2002 “Nonstandard Methods and Applications in Mathematics”**, Pisa, Italy. (May 2002, p. 603)
- 12-15 **Bachelier Finance Society: 2nd World Congress**, Crete, Greece. (Nov. 2001, p. 1228)
- * 12-16 **First Joint International Meeting between the American Mathematical Society and the Unione Matematica Italiana**, Pisa, Italy.
Information: <http://www.dm.unipi.it/7Emeet2002/>.
- 13-15 **19th Annual Workshop in Geometric Topology**, Calvin College, Grand Rapids, Michigan. (Nov. 2001, p. 1228)
- 15-17 **CMS Summer Meeting 2002**, Laval University, Quebec City, Quebec, Canada. (Mar. 2002, p. 356)
- 16-18 **PIMS-MITACS Workshop on Facility Location Problems**, Simon Fraser University, Burnaby, British Columbia, Canada. (May 2002, p. 603)
- 16-20 **Conference on Analysis and Probability on Fractals**, Cornell University, Ithaca, New York. (Feb. 2002, p. 269)
- 16-21 **Current Trends in Commutative Algebra**, Grand Hotel Bellavista, Levico Terme, Trento, Italy. (May 2002, p. 603)
- 16-23 **Second Russian-German Geometry Meeting Dedicated to 90th Anniversary of A. D. Alexandrov**, Euler International Mathematical Institute, St Petersburg, Russia. (Feb. 2002, p. 269)
- 17-19 **24th International Conference on Boundary Element Methods and Meshless Solutions Seminar**, Sintra, Portugal. (Nov. 2001, p. 1228)
- * 17-22 (NEW DATE) **CCR/DIMACS Workshop/Tutorial on Mining Massive Data Sets and Streams: Mathematical Methods and Algorithms for Homeland Defense**, Center for Communications Research (CCR), Princeton, New Jersey.
Dates: Tutorial: June 17-19, 2002; Workshop: June 20-22, 2002.
Short Description: The event will bring together researchers from a variety of fields for tutorials and specialized talks about these challenges. The tutorial, which runs from Monday to Wednesday, will present to nonexperts or those wanting a coherent introduction to the field a variety of tools that are relevant to the topics described. The workshop, which runs from Thursday through Saturday, will contain more specialized talks. It is possible to register for the tutorial alone, the workshop alone, or both.
 There will be tutorials on text mining, parallel data mining, algorithmic issues in processing data streams, database support for data mining, on-line learning, forensic ring analysis, and data fusion, as well as a number of survey talks.
 The workshop will include talks on algorithmic issues in processing streaming data, text mining and classification, anomaly detection, outlier analysis, forensic data analysis, on-line learning, real-time data mining, parallel data mining, visualization and data mining, and mining graphical data.
Sponsors: The Center for Communications Research (CCR) and DIMACS.
Organizers: B. Grossman, chair, Univ. of Illinois and Two Cultures Group; P. Kantor, Rutgers Univ.; M. Muthukrishnan, Rutgers Univ.
Contacts: B. Grossman, chair, Univ. of Illinois and Two Cultures Group; grossman@uic.edu.
Local Arrangements: D. Koch, CCR, DJK@idaccr.org; tel: 609-924-4600.
Information: See <http://dimacs.rutgers.edu/Workshops/Homeland/>.
- 17-20 **Second Haifa Workshop on Interdisciplinary Applications of Graph Theory, Combinatorics and Algorithms**, University of Haifa, Israel. (May 2002, p. 603)
- 17-21 **Second MaPhySto and StocLab Summer School on Stereology and Geometric Tomography**, Sandbjerg Manor, Soenderborg, Denmark. (May 2002, p. 603)
- 17-21 **Seventh International Conference on p-Adic Functional Analysis**, Univ. of Nijmegen, The Netherlands. (June/July 2001, p. 630)
- 17-21 **Stochastic Inequalities and their Applications: A Euro-Conference**, Centre de Recerca Matemàtica, Bellaterra (Barcelona), Spain. (Mar. 2002, p. 356)
- * 17-28 **Fonctorialité de Langlands: Progrès Récents**, CIRM, Luminy, France.
Information: e-mail: goldberg@math.purdue.edu.
- 17-28 **MSRI Summer Graduate School on “Excursions in Computational Number Theory–Polynomials with Integer Coefficients”**, PIMS-SFU, Burnaby, British Columbia, Canada. (May 2002, p. 603)
- 18-19 **The Fields Institute 10th Anniversary Celebrations**, The Fields Institute, Toronto, Ontario, Canada. (May 2002, p. 604)
- 18-22 **The Barcelona Conference on Stochastic Inequalities and Their Applications (A EuroConference)**, Bellaterra (Barcelona). (Jan. 2002, p. 56)
- 19-21 **The EUROMECH Colloquium 437: Identification and Updating Methods of Mechanical Structures**, Prague, Czech Republic. (Jan. 2002, p. 56)
- 19-23 **2nd Canadian Conference on Nonlinear Solid Mechanics**, SFU Harbour Centre, Vancouver, British Columbia, Canada. (May 2002, p. 604)
- * 20-22 **AMS Western Section and MAA Pacific Northwest Section Joint Meeting**, Portland State University, Portland, Oregon.
Information: URL: <http://www.ams.org/amsmtgs/sectional.html>.
- 21-26 **Symmetries and Integrability of Difference Equations–EuroConference on Discrete Painlevé Equations and the Solvability of Difference Equations**, VVF La Badine, Giens (near Toulon), France. (Apr. 2002, p. 501)
- 23-28 **Fourteenth U.S. National Congress of Theoretical and Applied Mathematics**, Virginia Polytechnic Inst. and State Univ., Blacksburg, Virginia. (Dec. 2000, p. 1437)
- 23-28 **Recent Advances and New Directions in Mechanics, Continuum Thermodynamics, and Kinetic Theory: Symposium in Memory of Clifford Ambrose Truesdell III**, Virginia Polytechnic Institute and State University, Blacksburg, Virginia. (Apr. 2002, p. 501)
- 24-25 **Higher Dimensional Complex Geometry**, Isaac Newton Institute for Mathematical Sciences, Cambridge, UK. (Mar. 2002, p. 356)
- 24-27 **International Conference on “Information and Knowledge Engineering” (IKE’02)**, Las Vegas, Nevada. (Apr. 2002, p. 501)
- 24-27 **International Workshop on Orthogonal Polynomials: Orthogonal Polynomials and Approximation Theory (IWOP’02)**, Leganés, Madrid, Spain. (Apr. 2002, p. 501)
- 24-27 **Special Session on “Knowledge Representation and Reasoning” in 2002 International Conference on Artificial Intelligence (IC-AI)**, Las Vegas, Nevada. (Apr. 2002, p. 501)
- 24-28 **Symposium on Partial Differential Equations To Celebrate the Seventy-Fifth Birthday of James Serrin**, Università degli Studi di Perugia, Italy. (May 2002, p. 604)
- 24-28 **Workshop on “Bone Mechanics: Mathematical and Mechanical Models for Analysis and Synthesis”**, IST, Lisbon, Portugal. (Apr. 2002, p. 501)
- 24-28 **Tenth International Conference on Fibonacci Numbers and Their Applications**, Flagstaff, Arizona. (Oct. 2001, p. 1050)
- 24-28 **The Third International Conference on High Dimensional Probability**, Sandbjerg Estate, Denmark. (Jan. 2002, p. 56)

24–29 **Conference on Geometry and Its Application in Technology**, Aristotle University of Thessaloniki, Greece (May 2002, p. 604)

24–29 **Conference on Stochastic Networks**, Stanford University, Palo Alto, California. (Mar. 2002, p. 356)

24–29 **Topology, Geometry and Quantum Field Theory**, Oxford, England. (Apr. 2002, p. 501)

25–28 **ACA'2002: 8th International Conference on Applications of Computer Algebra**, Volos, Greece. (Mar. 2002, p. 356)

25–29 **The Twenty-sixth Summer Symposium in Real Analysis**, Washington and Lee Univ., Lexington, Virginia. (Oct. 2001, p. 1050)

27–July 2 **19th International Conference on Operator Theory**, West University, Timisoara, Romania. (Apr. 2002, p. 502)

28–30 **MathML 2002: MathML and Math on the Web International Conference**, Hickory Ridge Conference Center, Chicago, Illinois. (Feb. 2002, p. 269)

*30–July 6 **Real Methods in Complex and CR Geometry**, Martina Franca (Taranto), Italy.

Scientific Direction: D. Zaitsev (zaitsev@math.unipd.it), G. Zampieri (zampieri@math.unipd.it).

Courses: Angular derivatives in several complex variables, M. Abate (Univ. di Pisa (Italia), abate@dm.unipi.it); Real methods in complex dynamics, J. E. Fornæss (Univ. of Michigan, Ann Arbor (USA), fornæss@umich.edu); On the Chern-Moser theory and rigidity problem of holomorphic maps, X. Huang (Rutgers Univ., New Brunswick (USA), huangx@math.rutgers.edu); Theory of analytic functionals, and boundary values in the sense of hyperfunctions, J. P. Rosay (Univ. of Wisconsin, Madison (USA), jrosay@math.wisc.edu); Extremal analytic discs and the geometry of CR manifolds, A. E. Tumanov (Univ. Of Illinois at Urbana-Champaign (USA), tumanov@math.uiuc.edu).

Information: For any further information contact: Fondazione C.I.M.E. c/o Dipartimento di Matematica "U. Dini", Viale Morgagni, 67/A - 50134 Firenze, Italy; Tel. +39-55-434975/ +39-55-4237123; fax +39-55-434975 / +39-55-4222695; <http://www.math.unifi.it/cime/>.

30–July 14 **5th Summer School/Conference: Let's Face Chaos through Nonlinear Dynamics**, Maribor, Slovenia. (Aug. 2001, p. 752)

30–July 20 **2002 Summer Session: IAS/Park City Mathematics Institute (PCMI)**, Park City, Utah. (Apr. 2002, p. 502)

July 2002

1–January 10, 2003 **Representation Theory of Lie Groups**, Institute for Mathematical Sciences, National University of Singapore, Singapore. (Mar. 2002, p. 357)

1–5 **28th Conference on Stochastic Processes and Their Applications**, The University of Melbourne, Melbourne, Australia. (Mar. 2002, p. 356)

1–5 **Congrès de Mathématiques Appliquées à la Mémoire de Jacques-Louis Lions**, Collège de France, Paris, France. (Mar. 2002, p. 357)

1–5 **AISC'2002: Sixth International Conference on Artificial Intelligence and Symbolic Computation Theory, Implementations and Applications (In conjunction with CALCULEMUS'2002)**, Marseille, France. (May 2002, p. 604)

1–5 **PIMS Thematic Programme on Asymptotic Geometric Analysis, Conference on Convexity and Asymptotic Theory of Normed Spaces**, PIMS-UBC, Vancouver, British Columbia, Canada. (May 2002, p. 604)

1–6 **2nd International Conference on the Teaching of Mathematics**, Crete, Greece. (June/July 2001, p. 631)

1–6 **Advanced Course on Mathematical Finance: Further Models**, Bellaterra (Barcelona). (Jan. 2002, p. 56)

1–6 **Workshop on Optimal Stopping and Stochastic Games**, Banach Center, Mathematical Research and Conference Center, Bedlewo, Poland. (May 2002, p. 604)

1–6 **2002: Workshop on "Wavelets and Applications"**, Barcelona, Spain. (Apr. 2002, p. 502)

2–6 **2002 Barcelona Conference on Algebraic Topology (a EuroConference)**, Institut d'Estudis Catalans, Barcelona. (Jan. 2002, p. 56)

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. (May 2002, p. 604)

3–5 **Call for Papers: The Thirteenth Annual Symposium on Combinatorial Pattern Matching (CPM2002)**, Hotel Uminonakamichi, Fukuoka, Japan. (Mar. 2002, p. 357)

*4–6 **Current Geometry 2002**, Palazzo Serra di Cassano, Naples, Italy.

Program: The 3rd edition of the international conference on problems and trends of contemporary geometry.

Deadlines: June 15, 2002.

Organizers: A. De Paris (Napoli), G. Rotondaro (Napoli), G. Sparano (Salerno), A. Vinogradov (Salerno), R. Vitolo (Lecce).

Scientific Committee: E. Arbarello (Pisa), F. Baldassarri (Padova), U. Bruzzo (Trieste), C. Ciliberto (Roma), A. Collino (Torino), M. Cornalba (Pavia), C. De Concini (Roma), B. Dubrovin (Trieste), L. van Geemen (Pavia), P. Griffiths (Princeton), V. Kac (Boston), K. O'Grady (Roma), C. Procesi (Roma), E. Sernesi (Roma), J. Stasheff (Chapel Hill), A. Vinogradov (Salerno).

Speakers (Preliminary List): E. Arbarello (Pisa), B. Dubrovin (Trieste), L. van Geemen (Pavia), S. Gindikin (Rutgers), V. Kac (Boston), J. Kollar (Princeton, to be confirmed), P. Piazza (Roma), A. Sossinski (Moscow), A. M. Vinogradov (Salerno, to be confirmed), O. Viro (Uppsala).

Information: curgeo@diffiety.org; <http://www.diffiety.org/conf/curgeo02/>; <http://www.diffiety.ac.ru/conf/curgeo02>.

*5–7 **2002 Korea-Hungary Joint Workshop on Combinatorics**, Postech, Pohang, Korea.

Theme: Combinatorics, graph theory, algorithms, combinatorial matrix theory and related areas of combinatorial or computational mathematics,

Organizing Committee: E. Gyori and M. Simonovits (Renyi Institute, Hungary); J. H. Kwak and S.-G. Lee (Com2MaC, Korea).

Call for Papers: The program will consist of plenary lectures of 45 and 60 minutes, invited lectures of 25 minutes.

Information and Registration form: <http://matrix.skku.ac.kr/sglee/hungary2002/ri.html>; Homepage: <http://matrix.skku.ac.kr/sglee/hungary2002/index.html>.

*7 **Internet Accessible Mathematical Computation: A Workshop at ISSAC 2002**, Lille, France.

Description: The workshop is part of ISSAC'02 (see <http://www.lifl.fr/issac2002/>) and will involve invited talks, contributed papers, and software demonstrations.

Workshop Registration: The IAMC workshop is part of ISSAC 2002. Participants should register with the ISSAC 2002 conference and select the IAMC workshop. Although we encourage everyone to attend the complete IAMC + ISSAC sessions, a reduced fee is available for those attending IAMC only.

Information: Contact the organizers: N. Kajler (Ecole des Mines de Paris, France), kajler@cc.ensmp.fr; E. Melis (DFKI Saarbrücken, Germany), melis@ags.uni-sb.de; P. S. Wang (ICM/Kent Univ., USA), pwang@mcs.kent.edu. If you are interested, please contact one of the organizers. Other details of this workshop will be forthcoming

and will be available on both the ISSAC'02 official site and on SymbolicNet.

IAMC URLs: Visit <http://www.symbolicnet.org/conferences/iamc2002/>. Also see <http://www.medicis.polytechnique.fr/symbolicnet/conferences/iamc2002/>.

ISSAC URL: <http://www.lifl.fr/issac2002/>.

7-10 ISSAC 2002 International Symposium on Symbolic and Algebraic Computation, University of Lille I, France. (Feb. 2002, p. 269)

7-12 The 5th Americas Conference in Differential Equations and Nonlinear Dynamics, Univ. of Alberta, Edmonton, Canada. (Jan. 2002, p. 56)

7-24 32nd Probability Summer School, Saint-Flour, France. (May 2002, p. 604)

***8-10 Com2MaC Conference on Graphs and Combinatorics**, Postech, Pohang, Korea.

Purpose: The conference is aimed at bringing together researchers on all aspects of graphs including the algebraic, combinatorial, probabilistic, and topological approach to graph theory and their applications.

You may also be interested in participating in the 2002 Korea-Hungary joint workshop on Combinatorics July 5-7, 2002, Postech, Pohang, Korea. The participants can join both conferences.

Call for papers: The conference will consist of an hour or 45-minute-long plenary talks and 25-minute contributed talks. Abstracts are invited and should include: name(s) of author(s), affiliation(s), address of the contact person, phone and fax number, and e-mail address. Authors are kindly requested to submit their abstracts via e-mail in LaTeX (or AMS TeX) to one of the following conference organizer.

Organizing Committee: S.-R. Kim (Kyung Hee Univ., srkim@khu.ac.kr), J. Lee (Yeungnam Univ., julee@yu.ac.kr), H. H. Cho (Seoul Nat. Univ., hanchosnu.ac.kr).

Plenary Speakers (Preliminary): G. Katona, Alfred Renyi Inst. of Math. Hungar. Acad. of Sci., ohkatona@renyi.hu; I. Goulden, Dept. of Comb. and Optim., Univ. of Waterloo, ipgould@math.uwaterloo.ca; D. Archdeacon, Dept. of Math. and Stat., Univ. of Vermont, archdeac@emba.uvm.edu; F. R. McMorris, Dept. of Appl. Math., Illinois Inst. of Tech., mcmorris@iit.edu; J. H. Kim, Theory Group, Microsoft Research, jehkim@microsoft.com; H. M. Mulder, Econometrisch Instituut, Erasmus Univ., hmmulder@few.eur.nl; F. S. Roberts (tentative), Director of DIMACS, Dept. of Math., Rutgers Univ., froberts@dimacs.rutgers.edu; V. T. Sos, Alfred Renyi Math. Inst., Hungar. Acad. of Sci., sos@renyi.hu.

Information: See <http://com2mac.postech.ac.kr/conference/cgc2002/index.html>.

8-11 The Tenth International Symposium on Dynamic Games and Applications, Saint Petersburg State Univ., Saint Petersburg, Russia. (Jan. 2002, p. 56)

8-12 14th International Conference on Formal Power Series and Algebraic Combinatorics, Univ. of Melbourne, Australia. (Jan. 2002, p. 56)

8-12 An International Conference on Boundary and Interior Layers—Computational & Asymptotic Methods, Univ. of Western Australia, Perth, Australia. (Dec. 2001, p. 1366)

8-12 Harmonic Maps, Minimal Surfaces and Geometric Flows, University of Bretagne Occidentale, Brest, France. (Feb. 2002, p. 270)

***8-12 Interactions between Representation Theories, Knot Theory, Topology, and Mathematical Physics**, Potsdam College, Potsdam, New York.

Description: This workshop investigates the interactions between representation theories, knot theory, topology, and mathematical physics. This conference will be of great benefit to researchers, recent Ph.Ds, and graduate students.

Financial Support: Some support is available for graduate students, recent Ph.Ds, and others who are qualified.

Speakers: H. Wenzl (San Diego), L. Kauffman (Chicago), G. Benkart (Wisconsin), R. Orellana (Dartmouth), S. Bigelow (Santa Barbara), S. Lambropoulou (Greece), B. LeClerc (France), S. Lomonaco (Maryland), J. Przytycki (Washington), Y. Geun Oh (Wisconsin/Princeton)(invited), K. Murasugi (Toronto), De Witt Sumners (Florida State), D. Radford (Illinois, Chicago).

Organizers: L. Kauffman (Chicago), G. Benkart (Wisconsin), K. Mahdavi (Potsdam).

Poster Session: There will also be a poster presentation session. **Information:** Contact: K. Mahdavi, mahdavi@potsdam.edu; or visit <http://www2.potsdam.edu/mahdavi/Conf.htm>.

Funded by: NSF, NSA, SUNY Potsdam, Clarkson University, and St. Lawrence University.

8-12 PIMS Thematic Programme on Asymptotic Geometric Analysis, Concentration Period on Measure Transportation and Geometric Inequalities, PIMS-UBC, Vancouver, British Columbia, Canada. (May 2002, p. 605)

8-12 SIAM 50th Anniversary and 2002 Annual Meeting, Philadelphia Marriott Hotel, Philadelphia, Pennsylvania. (May 2002, p. 605)

8-12 Workshop on Nonself-adjoint Operator Algebras, The Fields Institute, Toronto, Ontario, Canada. (May 2002, p. 605)

8-19 Biomathematics Euro Summer School: Dynamical Systems in Physiology and Medicine, Urbino, Italy. (Feb. 2002, p. 270)

8-19 Dynamic Equations on Time Scales (Measure Chains), Univ. of Wyoming, Laramie, Wyoming. (Jan. 2002, p. 57)

***8-19 Dynamical Systems in Physiology and Medicine**, Urbino, Italy.

Program: The school will offer five courses centered on the biological background and on the mathematical modelling of relevant biomedical phenomena: the spread of cardiac electrical excitation; the physiology of gas flow in the airways; the system controlling glucose blood levels by means of the hormone insulin; the activity and synchronisation of neurones; the mechanism of production of blood cells with attendant regulations and possible derangements.

Information: <http://www.biomatematica.it/urbino2002/>.

8-19 SMS-NATO ASI: Normal Forms, Bifurcations, and Finiteness Problems in Differential Equations, Université de Montréal, Canada. (Dec. 2001, p. 1366)

8-26 School and Conference on Algebraic K-Theory and its Applications, The Abdus Salam International Centre for Theoretical Physics (ICTP), Strada Costiera 11, I-34014, Trieste, Italy.

***9-11 2002 International Conference on Related Subjects to Clay Problems**, Chonbuk National University, Chonju City, Chonbuk, Korea.

Program: Our conference will help unravel CMI's (Clay Mathematics Institute) 7 millenium problems, especially centering on the Riemann Hypothesis.

Organizers: S. Oh, G. Seo, J.-H. Yang, Y.K. Kim (representative)
Main Speakers: S. Gonek (Rochester, USA), C. Yildirim (Istanbul, Turkey), D. Prasad (Harish-Chandra Institute, India), K. Vilonen (Northwestern, USA), S. Wang (Henan, China), H. Kim (Seoul National, Korea) J.-H. Yang (Inha, Korea), Y. Kim (Chonbuk National, Korea).
Hosting Institute: The Institute of Pure and Applied Mathematics.
Information: <http://math.chonbuk.ac.kr/>. Inquiring and corresponding addresses: G. S. Seo, Dept. of Math., College of Nat. Sci., Chonju, Chonbuk 561-756, Korea.

9-13 Genetic and Evolutionary Computation Conference GECCO-2002, New York City, New York. (Dec. 2001, p. 1366)

- 10-13 **VISIT-ME 2002: Vienna International Symposium on Integrating Technology into Mathematics Education**, Vienna, Austria. (Apr. 2002, p. 502)
- * 10-19 **Analytic Number Theory**, Cetraro (Cosenza), Italy.
Scientific Direction: C. Viola (Univ. di Pisa, viola@dm.unipi.it), A. Perelli (Univ. di Genova, perelli@dima.unige.it).
Courses: The abstracts of the courses are available at the (CIME) address <http://www.math.unifi.it/cime/>. Producing prime numbers via sieve methods, J. Friedlander (Toronto, Canada); Exponential sums, uniform distribution and cryptographic applications, J. Friedlander (Toronto, Canada); Counting rational points on algebraic varieties, R. Heath-Brown (Oxford Univ., England); Automorphic L -functions, H. Iwaniec (Rutgers Univ., USA); Axiomatic theory of L -functions: the Selberg class, J. Kaczorowski (Poznan, Poland).
Information: For any further information contact: Fondazione C.I.M.E. c/o Dipartimento di Matematica "U. Dini", Viale Morgagni, 67/A - 50134 Firenze, Italy; Tel. +39-55-434975/ +39-55-4237123; fax +39-55-434975 / +39-55-4222695; <http://www.math.unifi.it/cime/>.
- 12-15 **XIth Oporto Meeting on Geometry, Topology and Physics**, Porto, Portugal. (Apr. 2002, p. 502)
- 13-19 **Symbolic Computational Algebra 2002: Fields Inst. Special Meeting on Symbolic and Numeric Computation in Geometry, Algebra and Analysis**, Univ. of Western Ontario, London, Ontario, Canada. (Sept. 2001, p. 909)
- * 14-17 **Intelligent Agents in Design Workshop and AID-02 Conference**, Cambridge University, Cambridge (UK).
Submission: The preferred method of admission is to send a 4 to 6 page position paper. Each position paper will be reviewed by at least 2 reviewers. The format of a submission is to be the AID format, available from Submission Details at the AID-02 Conference website. Contributions should be submitted electronically via e-mail to niek@cs.vu.nl, preferably in PostScript or PDF. Author details do not need to be separated from the paper, as specified for conference submissions.
Important Dates: Submission: Monday, June 3rd; Reviewer comments: Monday, June 17th; Final version: Monday, July 1st; Workshop: afternoon, Sunday July 14th.
Registration: To register for the workshop, participants need to register for the AID-02 conference at the registration page. It will be possible to register for the workshop separately if you have already registered for the conference. In the event that the workshop is overbooked, priority will be given to registrants who have submitted papers and position statements.
Information: Workshop: http://www.iids.org/events/AID2002_IAD/ and Conference: <http://www.arch.usyd.EDU.AU/kcdc/conferences/aid02/index.html>.
- 14-18 **The Fourth International Conference on Matrix Analytic Methods in Stochastic Models**, Univ. of Adelaide, Adelaide, Australia. (June/July 2001, p. 631)
- 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. (May 2002, p. 605)
- 14-23 **PIMS Thematic Programme on Asymptotic Geometric Analysis, Conference on Phenomena of Large Dimension**, PIMS-UBC, Vancouver, British Columbia, Canada. (May 2002, p. 605)
- 15-18 **Modular Curves and Abelian Varieties (A EuroConference)**, Bellaterra (Barcelona). (Jan. 2002, p. 57)
- 15-19 **6th International Conference on the Electrical Transport and Optical Properties of Inhomogeneous Media (ETOPIM 6)**, Cliff Lodge, Snowbird, Utah. (Jan. 2002, p. 57)
- * 15-19 **Combinatorics and Integrable Models**, Australian National University, Canberra, Australia.
Scope: The workshop aims to bring together people from the mathematics and physics communities working on closely related problems in combinatorics and statistical mechanics.
Workshop Topics: Random tilings, dimer systems, Hirota equation, determinants, random matrices, alternating sign matrices, enumerations, etc.
Information: <http://wwwmaths.anu.edu.au/conferences/CIM/>.
- 15-19 **International Conference on Nonlinear Partial Differential Equations and Related Topics**, Australian National Univ., Canberra, Australia. (Jan. 2002, p. 57)
- * 15-19 **Tenth Meeting on Real Analysis and Measure Theory**, Hotel Continental Terme, Ischia (Naples), Italy.
Information: The above mentioned conference has a webpage where you can view a list of participants, organizers, and (coming soon) a schedule of events, titles of talks, directions to Ischia, etc.; <http://www.dma.unina.it/~Xcartemi/>.
- 15-20 **IV Brazilian Workshop on Continuous Optimization**, IMPA-Instituto de Matematica Pura e Aplicada, Rio de Janeiro, Brazil. (Nov. 2001, p. 1229)
- 15-August 10 **Conference on Representation Theory of Algebras and Related Topics (ICRA X)**, The Fields Inst. for Research in Math. Sciences, Toronto, Canada. (Dec. 2001, p. 1366)
- 16-22 **7th International Spring School "Nonlinear Analysis, Function Spaces and Applications" (NAFSA 7)**, Prague, Czech Republic. (Jan. 2002, p. 57)
- 18-19 **First Announcement and Call for Papers: MFCSIT2002, Second Irish Conference on the Mathematical Foundations of Computer Science and Information Technology**, National University of Ireland, Galway, Ireland. (Feb. 2002, p. 270)
- * 19-31 **V Diffiety School in the Geometry of Partial Differential Equations**, Santo Stefano del Sole (Avellino), Italy.
Program: To introduce undergraduate and graduate students in mathematics and physics, as well as postdoctoral researchers, to secondary calculus. Secondary calculus is the result of a natural evolution of the classical geometrical theory of partial differential equations (PDE) originated by Sophus Lie. In particular, it allows the construction of a general theory of PDE, in the same manner as algebraic geometry does with respect to algebraic equations. The strategic goal of the school is to involve interested participants in a series of large scale research programs the Diffiety Institute is launching.
Deadline: June 15, 2002.
Workshop Topics: 1. Differential calculus over commutative algebras and smooth manifolds (suggested to beginners); 2. Infinite jets and diffieties (suggested to more experienced participants).
Organizers: D. Catalano Ferraioli, A. DeParis, C. DiPietro, G. Manno, R. Piscopo, F. Pugliese, G. Rotondaro, F. Strazzullo, R. Vitolo.
Speakers: A. DeParis (Univ. "Federico II" di Napoli), S. Igonin (Independent Univ. of Moscow), F. Pugliese (Univ. di Salerno), A. Verbovetsky (Independent Univ. of Moscow, Diffiety Inst.), A. Vinogradov (Univ. di Salerno, Diffiety Inst.), M. Vinogradov (Diffiety Inst.), R. Vitolo (Univ. di Lecce, Diffiety Inst.)
Information: school@curgeo.org; <http://www.diffiety.org/>; <http://diffiety.ac.ru/>.
- 21-August 3 **Summer School on Applications of Advanced Mathematical and Computational Methods to Atmospheric and Oceanic Problems**, National Center for Atmospheric Research (NCAR), Boulder, Colorado. (Feb. 2002, p. 270)
- 22-25 **Seventeenth Annual IEEE Symposium on Logic in Computer Science**, Copenhagen, Denmark. (Mar. 2002, p. 358)
- * 22-26 **Geometric Aspects of Representation Theory**, University of Sydney, Australia.

Invited speakers: M. Brion, C. De Concini, S. Fomin, D. Gaitsgory, E. Getzler, V. Ginzburg, M. Goresky, I. Grojnowski, H. Kraft, R. MacPherson, V. Ostrik, A. Zelevinsky.

Organizers: G. Lehrer, C. Procesi.

Information: <http://www.maths.usyd.edu.au/u/gart/>; e-mail: gart@maths.usyd.edu.au.

22–26 **Universal Algebra and Lattice Theory**, University of Szeged, Szeged, Hungary. (Feb. 2002, p. 270)

22–August 6 **PIMS-APCTP-PI Frontiers in Mathematical Physics: Brane Worlds and Supersymmetry Workshop**, University of British Columbia, Vancouver, British Columbia, Canada. (May 2002, p. 605)

23–August 2 **EDGE Mid-Term Summer School and Conference**, ICMS, Edinburgh, Scotland, UK. (Nov. 2001, p. 1229)

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. (May 2002, p. 605)

25–30 **PIMS Thematic Programme on Selected Topics in Mathematical and Industrial Statistics, Filtering Theory and Applications**, University of Alberta and Jasper, Alberta, Canada. (May 2002, p. 605)

27–29 (REVISED) **The Fifth Annual International Conference of Bridges: Mathematical Connections in Art, Music, and Science**, Towson Univ., Towson, Maryland. (Jan. 2002, p. 57)

28–August 2 **Institute of Mathematical Statistics Annual Meeting**, Banff, Alberta, Canada. (Mar. 2002, p. 358)

28–August 9 **4th PIMS School of Environmental and Industrial Fluid Dynamics**, University of Alberta, Edmonton, Alberta, Canada. (May 2002, p. 605)

29–August 2 **10th International Conference on Finite or Infinite Dimensional Complex Analysis and Applications**, Silla University in Pusane, Korea. (Apr. 2002, p. 502)

29–August 3 **Escuela Latinoamericana de Matemáticas (ELAM)**, Cartagena de Indias, Colombia. (Jan. 2002, p. 57)

29–August 10 **50 Years of the Cauchy Problem in General Relativity–Summer School**, Corsica, France. (Oct. 2001, p. 1050)

*29–August 16 **Mathematical Geophysics Summer School**, Stanford University, Stanford, California.

Description: The Mathematical Geophysics Summer School is an NSF-funded program to be held at Stanford University during the months of August from 1998–2002. Its overall purpose is to attract the attention and interest of theoreticians (applied mathematicians in particular) to the many interesting and important problems in geophysics, as well as to define mathematically, address, and solve some of these problems. The topic for 2002 is imaging.

Speakers for 2002: B. Biondi and J. Claerbout (Stanford), “Basic Concepts in the Seismic Imaging Industry”; B. Symes (Rice) and A. P. E. Ten Kroode (Shell International Exploration and Production Research), “Seismic Imaging”; G. Papanicolaou (Stanford), “Imaging, Time Reversal and Communications in Random Media”; J. Sethian (UC Berkeley), “Fast Algorithms for Level-set Computations and Applications”; H. Zebker (Stanford), “Interferometric Radar Remote Sensing”.

Deadline for Applications: May 15, 2002.

Information: For more information see the webpage at <http://cartan.stanford.edu/mgss/>.

30–August 2 **Mysticism, Reason, Art and Literature: East West Perspectives**, The Society of Indian Philosophy & Religion, Calcutta, India. (Apr. 2002, p. 502)

31–August 2 **The Fourth International Symposium on Probability and its Applications**, Banff, Alberta, Canada. (Mar. 2002, p. 358)

August 2002

3–10 **Logic Colloquium 2002 (ASL European Summer Meeting)**, Westfälische Wilhelms-Universität, Münster, Germany. (June/July 2001, p. 631)

4–8 **PIMS Symposium on Aperiodic Order, Dynamical Systems, Operator Algebras, and Topology**, University of Victoria, Victoria, British Columbia, Canada. (May 2002, p. 606)

4–9 **International Conference on Mathematics in Finance**, Berg-en-Dal, Kruger National Park, South Africa. (May 2002, p. 606)

4–9 **Modeling and Simulating Biocomplexity for Mathematicians and Physicists**, Santa Fe Institute (SFI), Santa Fe, New Mexico. (Apr. 2002, p. 502)

5–9 **Conference on Ill-Posed and Inverse Problems**, Sobolev Inst. of Mathematics, Novosibirsk, Russia. (Sept. 2001, p. 909)

5–9 **Stark’s Conjectures and Related Topics**, Johns Hopkins University, Baltimore, Maryland. (May 2002, p. 606)

*5–9 **XVII Brazilian Algebra Meeting**, Cabo Frio, Rio de Janeiro, Brazil.

Deadline: For contributed talks: June 15, 2002.

Speakers: I. Bermejo (Tenerife-Spain); L. Caporaso (Roma III-Italy); M. Chardin (Paris VII, Jussieu-France); A. Giambruno (Palermo-Italy); P. Gimenez (Valladolid-Spain); B. Green (Stellenbosh-South Africa); M. Hindry (Paris VII, Jussieu-France); C. T. Ho (Florida-USA); M. Homma (Kanagawa-Japan); E. Jespers (Vrije-Belgium); T. Kato (Japan); S. Kleiman (MIT -USA); A. Noma (Japan); M. Passi (Alberta-Canada); A. Prestel (Konstanz-Germany); H.-G. Rück (Kassel-Germany); R. Schoof (Roma II-Italy); S. Sehgal (Alberta-Canada); E. Ullmo (Paris XI, Orsay-France); D. Ulmer (Arizona-USA); W. Vasconcellos (Rutgers-USA); S. Collier Coutinho (UFRJ); E. Esteves (IMPA); M. Ferrero (UFRGS); H. Godinho (UnB); J. Goncalves (USP); A. Hefez (UFF); D. H. Kochlouva (UNICAMP); D. Levcovitz (USP-SC); A. Mandel (USP); P. Shumyatsky (UnB); S. Sidki (UnB); A. Simis (UFPE); F. Torres (UNICAMP); I. Vainsencher (UFPE); P. Zaleski (UnB).

Program: There will be two mini-courses: Introduction to Diophantine Geometry, Marc Hindry (U. Paris VII-Jussieu) and Homologic and homotopic invariants of groups, Dessislava Hristova Kochlouva (U. Campinas-Brazil). There will be one conference cycle: The Arithmetic of $X_0(N)$ and elliptic curves E over \mathbb{Q} , Emmanuel Ullmo (U. Paris XI-Orsay).

Information: Home Page: <http://www.impa.br/~algebra/2002/algebra02.html>; e-mail: algebra@impa.br.

5–10 **6th Brazilian School of Probability**, Praia das Toninhas, Ubatuba, São Paulo, Brazil. (Feb. 2002, p. 271)

5–14 **Foundations of Computational Mathematics 2002 (FoCM’02)**, University of Minnesota, Minneapolis Campus, Minneapolis, Minnesota. (Mar. 2002, p. 359)

5–15 **New Directions in Dynamical Systems 2002 (ICM 2002 Satellite Conference)**, Ryukoku Univ. and Kyoto Univ., Kyoto, Japan. (June/July 2001, p. 631)

*5–25 **Microscopic Chaos and Transport in Many-Particle Systems**, Max Planck Institute for Physics of Complex Systems, Dresden, Germany.

Scope: Chaos in the motion of atoms and molecules composing fluids has become an important topic in nonequilibrium physics. Analyzing the fractal properties of nonequilibrium steady states generated by microscopic chaos poses a fundamental problem to statistical physics and dynamical systems theory. One interesting aspect is to find relationships between characteristic quantities of chaos and transport properties and to assess their validity. The purpose of the workshop is to bring together international experts working at the forefront of research in this field.

Invited Workshop Speakers (*to be confirmed): L. Bunimovich (Atlanta), N. I. Chernov (Birmingham), S. Ciliberto* (Lyon), E. G. D. Cohen (New York), N. Davidson (Rehovot), C. P. Dettmann (Bristol),

W. Ebeling (Berlin), G. Gallavotti (Rome), T. Geisel (Goettingen), P. Haenggi (Augsburg), W. G. Hoover (Livermore), H. Kantz (Dresden), R. Livi (Firenze), M. Mareschal (Brussels/Lyon), G. Morriss (Sydney), G. Nicolis (Brussels), H. A. Posch (Vienna), G. Radons (Chemnitz), L. Rondoni (Torino), S. Tasaki (Tokyo), T. Tel (Budapest).

Invited Seminar Speakers: D. Alonso (Tenerife), P. Balint (Budapest), I. Claus (Brussels), D. Daems (Brussels), T. Gilbert (Rehovot), Z. Kaufmann (Budapest), Z. Kovacs (Budapest), L. Matyas (Dresden), T. Prosen (Ljubljana), D. Searles (Queensland), Th. Schreiber (Stuttgart), J. Vollmer (Mainz), A. de Wijn (Utrecht).

Application and Fee: Applications are welcome and should be made by using the application form on the conference webpage; however, the number of attendees is limited. The workshop's registration fee is EUR 100. Cost for accommodations and meals will be covered by the Max Planck Institute. In exceptional cases, limited funding for travel expenses is available.

Deadline: Deadline for applications is April 30, 2002.

Information: For further information please visit the conference webpage at <http://www.mpiPKS-dresden.mpg.de/~chaotran/>; or contact: Visitors Program, Max-Planck-Institut für Physik Komplexer Systeme, Noethnitzer Str. 38, D-01187 Dresden; tel.: +49-351-871-2105; fax: +49-351-871-2199; chaotran@mpikps-dresden.mpg.de.

6–9 PIMS Thematic Programme on Asymptotic Geometric Analysis, Conference on Noncommutative Phenomena and Random Matrices, PIMS-UBC, Vancouver, British Columbia, Canada. (May 2002, p. 606)

7–10 The Second International Conference on Neural, Parallel, and Scientific Computations, Morehouse College, Atlanta, Georgia. (Nov. 2001, p. 1229)

7–11 Workshop on Geometry, Dynamics, and Mechanics in Honour of the 60th Birthday of J. E. Marsden, The Fields Institute, Toronto, Ontario, Canada. (May 2002, p. 606)

7–12 Marsden Workshop on Geometry, Mechanics and Dynamics, The Fields Inst. for Research in Math. Sciences, Toronto, Canada. (Dec. 2001, p. 1367)

8–9 Beyond the Formula Statistics Conference, Monroe Community College, Rochester, New York. (May 2002, p. 606)

9–11 Colloquium Logicum 2002, Münster, Germany. (Apr. 2002, p. 503)

* **10–12 Complex Analysis**, Kyoto Institute of Technology, Kyoto, Japan.

Description: The first half of the Japan-China joint satellite conference.

Topics: Riemann surfaces, Kleinian groups, hyperbolic geometry, geometric function theory and related topics.

Organizing Committee: S. Hiroshige (Chairman, Tokyo Inst. of Tech.), K. Yohei (Osaka City Univ.), M. Fumio (Kyoto Inst. of Tech.), M. Katsuhiko (Ochanomizu), N. Toshihiro (Nagoya), S. Toshiyuki (Kyoto), T. Masahiko (Kyoto).

Information: Homepage: <http://kyotost1.cajpn.org/>.

11–14 SIAM Conference on Discrete Mathematics, Handlery Hotel and Resort, San Diego, California. (May 2002, p. 606)

11–16 Geometric and Algebraic Combinatorics 2, Oisterwijk, The Netherlands. (May 2002, p. 606)

11–17 The 7th International Conference on Difference Equations and Applications (7th ICDEA), Hunan Univ. at Changsha, China. (Jan. 2002, p. 58)

11–19 International School "Inverse Problems: Theory and Applications", Khanty-Mansiysk, Russia. (May 2002, p. 606)

12–15 PIMS Thematic Programme on Asymptotic Geometric Analysis, Conference on Banach Spaces, PIMS-UBC, Vancouver, British Columbia, Canada. (May 2002, p. 606)

12–15 The 2002 Workshop on the Solution of Partial Differential Equations on the Sphere, The Fields Institute, Toronto, Canada. (May 2002, p. 607)

12–16 Geometric Topology—A Satellite Conference of ICM 2002, Beijing, Shaanxi Normal University, Xi'an, China. (Apr. 2002, p. 503)

12–16 Infinite Dimensional Function Theory, Pohang Univ. of Science and Technology (POSTECH), Pohang, South Korea. (Nov. 2001, p. 1229)

12–16 Integrability and Topology, South Ural State Univ., Chelyabinsk, Russia. (Sept. 2001, p. 910)

12–16 MTNS 2002, Fifteenth International Symposium on Math. Theory of Networks and Systems, Univ. of Notre Dame, Notre Dame, Indiana. (Dec. 2001, p. 1437)

13–19 Discrete, Combinatorial, and Computational Geometry, an ICM Satellite Conference, Beijing, China. (May 2002, p. 607)

14–17 International Congress of Mathematicians, Game Theory and Applications Satellite Conference, Qingdao Univ., China. (Jan. 2002, p. 58)

15–17 (NEW DATE) Symposium on Stochastics and Applications (SSA)—An ICM-2002 Satellite Conference, National Univ. of Singapore, Singapore. (June/July 2001, p. 631)

15–17 The Eighth Annual International Computing and Combinatorics Conference (COCOON'02), Singapore. (Jan. 2002, p. 58)

15–18 The International Conference on Mathematical Biology (a Satellite Meeting of ICM-2002), Guangxi Normal Univ., Guilin, Guangxi Province, P. R. China. (Dec. 2001, p. 1367)

17–19 A Satellite Conference of ICM 2002 (REVISED), Beijing, China. (Jan. 2002, p. 58)

19–23 24th European Meeting of Statisticians, 14th Prague Conference on Information Theory, Statistical Decision Functions and Random Processes, Prague, The Czech Republic. (Apr. 2002, p. 503)

20–27 Summer School: From Levy Processes to Semimartingales—Recent Theoretical Developments and Applications to Finance, University of Aarhus, Denmark. (May 2002, p. 607)

20–28 ICM-2002, Beijing, China. (Mar. 2002, p. 380)

20–28 Satellite Conferences for ICM 2002, Beijing, China. (Aug. 2001, p. 752)

24–28 Compstat 2002—Conference for Computational Statistics, Humboldt-Universität zu Berlin, Berlin, Germany. (Nov. 2001, p. 1229)

* **25–30 2002 WSEAS International Conference on ElectroMagnetic Compatibility (EMC'02)**, Miedzyzdroje, Poland.

Information: URL: <http://www.wseas.org/conferences/2002/miedzyzdroje/ec/>; e-mail: poland2002@wseas.org.

* **25–30 2002 WSEAS International Conference on Global Optical and Wireless Network (GOWN '02)**, Miedzyzdroje, Poland.

Information: URL: <http://www.wseas.org/conferences/2002/miedzyzdroje/gown/>; e-mail: poland2002@wseas.org.

* **25–30 2002 WSEAS International Conference on Nanoelectronics, Nanotechnologies (NN'02)**, Miedzyzdroje, Poland.

Information: URL: <http://www.wseas.org/conferences/2002/miedzyzdroje/nn/>; e-mail: poland2002@wseas.org.

25–September 1 40th International Symposium on Functional Equations, Gronów, Poland. (May 2002, p. 607)

26–28 The Sixth Iranian International Statistics Conference (ISC6), Tarbiat Modarres Univ., Tehran, Iran. (Dec. 2001, p. 1367)

*26–30 **DIMACS Summer School Tutorial: Epidemiology for Mathematical Scientists**, DIMACS Center, CoRE Building, Rutgers University, Piscataway, New Jersey.

Sponsor: DIMACS Center, Rutgers University.

Organizers: D. Ozonoff, Boston Univ., School of Public Health, dozonoff@bu.edu; D. Wartenberg, UMDNJ-Robert Wood Johnson Medical School, wartenbe@umdnj.edu; W. Sofer, Rutgers Univ., Waksman Inst., sofer@waksman.rutgers.edu.

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

Information: Visit: <http://dimacs.rutgers.edu/Workshops/MathScientists/>.

26–September 1 **Symmetry and Cosymmetry Applications in the Theory of Bifurcations and Phase Transitions**, Big Sochi, Russia. (Mar. 2002, p. 359)

27–31 **7th International Symposium on Generalized Convexity/Monotonicity**, Institute of Mathematics, Hanoi, Vietnam. (Feb. 2002, p. 271)

*29–31 **Mathematics and War**, Blekinge Institute of Technology, Karlskrona, Sweden.

Topics: (1) Military traces in the history of mathematics and in present day mathematics. (2) Changes in the character of warfare under the influence of mathematical theory and mathematically supported technology. (3) Ethical and social aspects of the interaction between mathematics and the military. Mathematics and arms control and disarmament.

Format: There will be invited lectures and ample time for discussions opened by invited comments by respondents.

Registration: Send e-mail to Charlyne de Gosson at cdg@ihn.bth.se. The registration deadline is August 1, 2002. The registration fee is SKR 500.

Information: <http://mmf.ruc.dk/~Booss/mathwar/> or send e-mail to Charlyne de Gosson at cdg@ihn.bth.se.

29–September 2 **International Conference on Nonlinear Partial Differential Equations—Theory and Approximation**, City Univ. of Hong Kong, Hong Kong. (Nov. 2001, p. 1229)

29–September 3 **First Sino-German Meeting on Stochastic Analysis (Satellite Conference to the ICM 2002)**, Beijing, China. (May 2002, p. 607)

30–September 2 **33rd Iranian Mathematics Conference**, Ferdowsi University, Mashhad, Iran. (May 2002, p. 607)

September 2002

September–December 2002 **Set Theory and Analysis Program**, The Fields Inst., Toronto, Ontario, Canada. (Oct. 2001, p. 1051)

*1–5 **3rd WSEAS International MultiConference on Applied and Theoretical Mathematics**, Miedzyzdroje, Poland.

Information: URL: <http://www.wseas.org/conferences/2002/poland/>; e-mail: math2002@wseas.org.

1–8 **17th International Workshop on Differential Geometric Methods in Theoretical Mechanics**, Levico Terme, Trento, Italy. (May 2002, p. 607)

1–9 **8th International Congress on Algebraic Hyperstructures and Applications (AHA 2002)**, Democritus University of Thrace, Samothraki Island, Greece. (Mar. 2002, p. 359)

*2–6 **BISCA-2002: Design and Cognition**, Bolzano, Italy.

Description: Most of the world that we know is designed. Furthermore, almost everyone in the Western world has become a designer at their personal computers (e.g., publishing their own webpages). Design has become everyone's domain, and the 21st century communicates via design.

Organizer: Mitteleuropa Foundation.

Speakers: John Gero, Professor of Design Science and Co-Director of the Key Centre of Design Computing and Cognition, Department of Architectural and Design Science, at the University of Sydney; Michael Leyton, Center for Discrete Mathematics and Theoretical Computer Science at Rutgers; Michael Pratt, Professor of Computer Aided Engineering and Head of the Department of Applied Computing and Mathematics at Cranfield University in the UK; Gerhard Schmitt, Professor of Architecture and Computer Aided Architectural Design (CAAD) at the Department of Architecture of the Swiss Federal Institute of Technology (ETH), Zürich; and architect Daniel Libeskind.

Information: Attendance will be limited to about 35 participants. Each speaker will give 4 lectures, with ample time for discussion. All lectures will be in English. For more information write to L. Albertazzi (Mitteleuropa Foundation, 30 Portici Street, 39100 Bolzano, Italy), or send e-mail (liliana.albertazzi@soc.unitn.it). Information about Bolzano is available from the city's tourist office: <http://www.sudtiro1.com/bolzano/>; website: <http://www.mitteleuropafoundation.it/events.htm>.

2–7 **VI International Workshop on Complex Structures, Vector Fields and Applications**, St. Constantine, near Varna/Bulgaria. (Mar. 2002, p. 359)

*2–7 **Poisson 2002—Conference on Poisson Geometry**, Instituto Superior Tecnico, Lisbon, Portugal.

Description: The conference will start on Monday, September 2, in the morning, and finish on Saturday, September 7, in the afternoon, with two half-days for sightseeing.

Confirmed Speakers Include: A. Alekseev (Geneva), M. Bertelson (Brussels), A. Cattaneo (Zurich), M. Crainic (Utrecht), J.-P. Dufour (Montpellier), E. Getzler (Northwestern), V. Ginzburg (Santa Cruz), V. Guillemin (MIT), J. Huebschmann (Lille), B. Khesin (Toronto), Y. Karshon (Jerusalem), J.-H. Lu (Arizona), Y. Maeda (Keio), E. Meinrenken (Toronto), J.-P. Ortega (Nice), T. Ratiu (Lausanne), N. Reshetikhin (Berkeley), D. Roytenberg (Penn State), P. Severa (Bratislava), A. Weinstein (Berkeley), C. Woodward (Rutgers), P. Xu (Penn State), N. T. Zung (Montpellier).

Information: <http://www.math.ist.utl.pt/Poisson2002/>.

4–6 **The Fourth International Workshop on Automated Deduction in Geometry**, RISC-Linz, Hagenberg, Austria. (Mar. 2002, p. 359)

4–7 **International Conference on Dynamical Methods for Differential Equations**, Medina del Campo, Valladolid, Spain. (Oct. 2001, p. 1051)

5 **PIMS Numerical Analysis Potlatch 2002**, University of Victoria, Victoria, British Columbia, Canada. (May 2002, p. 607)

9–13 **Axiomatic and Enriched Homotopy Theory**, Isaac Newton Institute for Mathematical Sciences, Cambridge, England. (Apr. 2002, p. 503)

9–27 **School and Conference on Intersection Theory and Moduli**, The Abdus Salam International Centre for Theoretical Physics (ICTP), Strada Costiera 11, I-34014, Trieste, Italy. (Mar. 2002, p. 360)

10–20 **Advanced Course on Geometric 3-Manifolds**, Bellaterra (Barcelona). (Jan. 2002, p. 58)

*11–13 **EACA-2002, VIII Encuentro de Álgebra Computacional y Aplicacione**, Palacio de Avellaneda, Peparanda de Duero, Spain.

Description: The main goal of this series of meetings on computer algebra and applications (EACA) is to provide a forum for researchers on computer algebra as well as for researchers who essentially use these techniques in their investigation. Originally, this was a Spanish forum, but it is not restricted to Spanish people. In the last EACA events, many researchers from all over the world participated. The EACA-2002 is the eighth EACA meeting. As in the previous events of this series, the participation of young researchers is especially encouraged.

Deadlines: April 30: deadline for abstract submission; June 28: deadline for registration .

Organizer: P. Gimenez (pgimenez@agt.uva.es, Univ. of Valladolid).

Plenary Speakers: C. Andradas (Univ. Complutense, Madrid), B. Buchberger (RISC-Linz), J. Elias (Univ. Barcelona), I. Emiris (INRIA, Nice), A. Simis (Univ. F. Pernambuco, Recife), U. Walther (Purdue Univ.).

Information: <http://www.uva.es/eaca2002/>; e-mail: eaca2002@agt.uva.es.

11–18 NSEC8: Navier-Stokes Equations and Related Topics, Euler International Mathematical Institute, St. Petersburg, Russia. (Feb. 2002, p. 271)

13–14 (REVISED) Topics in Linear Algebra, Iowa State Univ., Ames, Iowa. (Oct. 2001, p. 1051; Jan. 2002, p. 58)

* **15–21 Theory and Applications of Imaging**, Martina Franca (Taranto), Italy.

Scientific Direction: G. Papanicolau (Stanford Univ., USA, papanico@georgep.stanford.edu); G. Talenti (Univ. di Firenze, Italy, talenti@math.unifi.it).

Courses: Array imaging in noisy environments, G. Papanicolau (Stanford Univ., USA); Tomographic imaging, F. Natterer (Univ. of Munster, Germany); Diffuse imaging for medical diagnoses, S. R. Arridge, (Univ. College, London, UK); Experimental methods and results in laser-tissue imaging, R. R. Alfano (Inst. for Ultrafast Spectroscopy and Lasers, CUNY, New York); Seismic imaging, W. W. Simes (Rice Univ., USA).

Information: For any further information contact: Fondazione C.I.M.E. c/o Dipartimento di Matematica "U. Dini", Viale Morgagni, 67/A - 50134 Firenze, Italy; Tel. +39-55-434975/ +39-55-4237123; fax +39-55-434975 / +39-55-4222695; <http://www.math.unifi.it/cime/>.

* **15–22 International Summer School on Operator Methods for Evolution Equations and Approximation Problems (OMEEP 2002)**, Hotel Villaggio Cala Corvino, Monopoli, Bari, Italy.

Topics: Feller semigroups and Markov processes, positive operators and approximation of functions, positive operators and approximation for evolution equations, semigroups of operators and evolution equations, cosine families of operators and evolution equations.

Aim: The School is especially addressed to Ph.D. students and young researchers. A poster session, in which the youngest researchers can outline their research work and interests, will also be arranged.

Invited Speakers of the Courses: J. van Casteren (Univ. of Antwerp), H. H. Gonska (Univ. of Duisburg), J. Prüss (Univ. of Halle-Wittenberg), I. Raşa (Technical Univ. of Cluj-Napoca), Sen-Yen Shaw (National Central Univ. of Chung-li).

Invited Lecturers: J. A. Adell (Univ. of Zaragoza), D.-H. Mache (Univ. of Dortmund), Giuseppe Mastroianni (Univ. of Basilicata), A. Rhandi (Univ. of Marrakech), V. Vespri (Univ. of Firenze).

Executive organizing committee: F. Altomare (altomare@dm.uniba.it), A. Attalienti (attalienti@matfin.uniba.it), M. Campiti (campiti@dm.uniba.it), L. D. Ambrosio (dambros@dm.uniba.it), S. Diomede (s.diomede@dse.uniba.it), G. Metafune (Giorgio.Metafune@le.infn.it), D. Pallara (Diego.Pallara@le.infn.it).

Grants: In order to foster the participation of young researchers, some scholarships for attendance (as widely as possible) will likely be available. Applications for scholarships must be sent to F. Altomare, Dipartimento di Matematica Dell Univ. e del Politecnico di Bar Campus Univ., Via E. Orabona, 4, 70125 Bari, Italy (altomare@dm.uniba.it, telefax number: +39-080-5963612) no later than May 31; the applicants must also include a short curriculum vitae and a letter of recommendation.

Deadline for Registration: May 31; no registration fee is required.

Information: Contact one of the executive organizers or visit the website <http://www.dm.uniba.it/documenti/formazione/SummerSchool-OMEEP2002/index.htm>.

16–18 KES'2002 Sixth International Conference on Knowledge-Based Intelligent Information & Engineering Systems, Podere d'Ombriano, Crema, Italy. (Apr. 2002, p. 503)

16–20 Homotopy Theory of Geometric Categories, Isaac Newton Institute for Mathematical Sciences, Cambridge, England. (Apr. 2002, p. 503)

* **16–20 LMS/EP SRC Short Course on Differential Geometry, Homogeneous Spaces and Integrable Systems**, University of Durham, United Kingdom.

Description: The instructional course is aimed at research students, both beginning and more advanced. It is funded by the London Mathematical Society and the Engineering and Physical Sciences Research Council (UK). The course consists of three lecture series.

Lecture Series: M. Micalef (Warwick), Introduction to Differential Geometry; D. Alekseevsky (Hull), Lie Groups and Homogeneous Spaces; M. Guest (Tokyo), Geometry and Integrable Systems.

Registration Deadline: July 5, 2002.

Organizers: J. Berndt (Hull), J. Bolton (Durham).

Contact: j.berndt@hull.ac.uk, john.bolton@durham.ac.uk.

Information: <http://www.hull.ac.uk/LMS-DG/>.

17–23 International Algebra Conference Dedicated to the Memory of Zenon Borewicz (1922–1995), Saint Petersburg, Russia. (Apr. 2002, p. 503)

20–21 AD-HOC NetWorks and Wireless (ADHOC-NOW), The Fields Institute, Toronto, Ontario, Canada. (May 2002, p. 607)

* **20–22 Conference on the Hilbert-Smith Conjecture and its Proof**, Istanbul Bilgi University, Istanbul, Turkey.

Description: There will be a limited number of short talks, 20–30 min. Those wishing to speak should send their requests and abstracts to either L. F. McAuley at louis@math.binghamton.edu or louis@bilgi.edu.tr or to A. Ratiu at ratiu@bilgi.edu.tr.

Principal Speakers: A. V. Chernavsky, D. Repovs, S. Illman, L. F. McAuley.

20–22 Yamabe Memorial Symposium, University of Minnesota, School of Mathematics, Minneapolis, Minnesota. (Apr. 2002, p. 503)

20–25 International Conference on Computational and Math. Methods in Science and Engineering (CMMSE 2002), Alicante, Spain. (Oct. 2001, p. 1051)

* **23–26 8th European Conference on Logics in Artificial Intelligence: Jelía'02**, Cosenza, Italy.

Aim and Scope: The aim is to bring together active researchers interested in all aspects concerning the use of logics in artificial intelligence to discuss current research, results, and problems and applications of both a theoretical and practical nature. Moreover, Jelía strives to foster links and facilitate cross-fertilization of ideas among researchers from various disciplines; among researchers from academia, industry and government; and between theoreticians and practitioners.

Invited Speakers: M. Gelfond (Texas Tech Univ., USA), G. Gottlob (Vienna Univ. of Technology, Austria), M. Vardi (Rice Univ., USA), K. Apt (CWI National Res. Inst. for Math. and Comput. Sci. in the Netherlands).

Tutorials: V. S. Subrahmanian (Univ. of Maryland, USA): Logic based agents; Dino Pedreschi and Fosca Giannotti (Univ. of Pisa, Italy): Logics and data mining; G. Pfeifer (Vienna Univ. of Tech., Austria): Answer set programming.

Information: <http://www.unical.it/jelia/>.

23–27 Ramification in Arithmetic and Geometry, Institut Galilée, Université Paris 13, France. (Oct. 2001, p. 1051)

23–28 Workshop on Categorical Structures for Descent and Galois Theory, Hopf Algebras and Semiabelian Categories, The Fields Inst. for Research in Math. Sciences, Toronto, Canada. (Dec. 2001, p. 1368)

* 23–October 4 **The Calcelemus Autumn School**, Pisa, Italy.

Objectives: The main objectives of the Calcelemus Autumn School are: to give young researchers a perspective on the state-of-the-art in symbolic computation and symbolic reasoning; to disseminate advanced scientific knowledge on the integration of computer algebra systems and deduction systems; to foster contacts between the research communities of computer algebra, deduction, math education, and industry. The participants will be trained both theoretically as well as experimentally on selected tools.

Courses and Schedule: For the list of courses and the preliminary schedule visit: <http://www.eurice.de/calcelemus/autumn-school/courses2.html> and <http://www.eurice.de/calcelemus/autumn-school/timetable.pdf/>.

Registration: Registration deadline is July 1, 2002.

Contact: E-mail: calcelemus-autumn-school@eurice.de.

Information: Please visit our webpage for further information on the event: <http://www.eurice.de/calcelemus-school/>.

* 24–27 **Symposium on Informatics and Telecommunications**, Sevilla, Spain.

Organizer: Organised under the auspices of DINTEL (<http://www.fundacion-dintel.org>).

Description: SIT'02 is the Spanish Symposium on Informatics and Telecommunications. It is not a pure scientific meeting, but a mixed gathering where people from industry and academia are expected to exchange ideas and experiences and foster lively discussions on topics ranging from pervasive computing to real-time distributed systems or security concerns.

Information: <http://tdg.lsi.us.es/~sit02/>.

25–28 **International Conference on Computer Geometry: Information Geometry, Foundation of Computer Science, Erdos-Diophantine Graphs**, Plovdiv University–Filial Smolyan, Smolyan, Bulgaria. (Mar. 2002, p. 360)

* 30–October 4 **DIMACS Workshop on Geometric Graph Theory**, DIMACS Center, Rutgers University, Piscataway, New Jersey.

Sponsors: DIMACS Center.

Organizers: J. Pach, NYU, Courant Institute.

Deadline for Submissions: May 15, 2002.

Contacts: J. Pach, pach@cims.nyu.edu.

Local Arrangements: J. Herold, DIMACS Center, jessicah@dimacs.rutgers.edu; tel: 732-445-5928.

Information: Visit <http://dimacs.rutgers.edu/Workshops/GeometricGraph/>.

30–October 4 **K-theory and Arithmetic**, Isaac Newton Institute for Mathematical Sciences, Cambridge, England. (Apr. 2002, p. 504)

October 2002

* 4–5 **Ninth Midwest History of Mathematics Conference and 30th Annual Miami University Mathematics and Statistics Conference**, Miami University, Oxford, Ohio.

Theme and Call for Papers: The program will focus on the history of mathematics in America. Authors wishing to contribute a 15-minute paper consistent with this theme should submit an abstract by September 1, 2002.

Invited Speakers: K. H. Parshall (Univ. of Virginia) and D. Zitarelli (Temple Univ.).

Information: The conference director is D. E. Kullman (Miami Univ.), kullmade@muohio.edu. Abstracts of contributed papers and requests for information should be sent to: History of Mathematics Conference, Dept. of Math. and Stat., Miami Univ., Oxford, Ohio 45056; tel: 513-529-5818; fax: 513-529-1493; website: <http://unixgen.muohio.edu/~MathStat/>. Conference programs with information about registration and housing will be available after August 1.

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

(May 2002, p. 608)

* 5–6 **AMS Eastern Section Meeting**, Northeastern University, Boston, Massachusetts.

Information: <http://www.ams.org/amsmtgs/sectional.html>.

* 6–11 **Quantum Control: Mathematical and Numerical Challenges**, Centre de recherches mathématiques, Montréal, Canada.

Topic: This conference will concentrate on advanced numerical methods and new mathematical tools for control and optimization in the quantum control of matter at the molecular level using current advanced laser technology.

Organizers: A. Bandrauk (Sherbrooke, Canada), M. Delfour (Montreal, Canada), C. Le Bris (ENPC, Paris, France).

Information: Conference website: <http://omega.crm.umontreal.ca/QuantumC/>.

9–11 **The 7th Conference "Shell Structures. Theory and Applications" (SSTA2002)**, Gdansk, Poland. (Jan. 2002, p. 58)

* 12–13 **AMS Central Section Meeting**, University of Wisconsin-Madison, Madison, Wisconsin.

Information: <http://www.ams.org/amsmtgs/sectional.html>.

* 18–19 **The 24th Midwest Probability Colloquium**, Northwestern University, Evanston, Illinois.

Workshops: On Thursday, October 17, there will be a workshop on related topics including talks by Y. Peres (Berkeley) and B. Virag (MIT). Topics include stochastic Lowener evolution with applications, percolation on trees, discrete lattice processes, and scaling limits in higher dimensions.

Main Speaker: O. Schramm (Microsoft), together with A. Dembo (Stanford) and F. Rezakhanlou (Berkeley).

Organizing Committee: C. Mueller, E. Kosygina and S. Sethuraman.

Information: Contact M. Pinsky (pinsky@math.nwu.edu).

* 24–25 **DIMACS Workshop on Visualization and Data Mining**, DIMACS Center, Rutgers University, Piscataway, New Jersey.

Sponsors: DIMACS Center.

Organizers: E. Gansner, AT&T; M. Goodrich, Univ. of California-Irvine; C. Silva, AT&T; R. Tamassia, Brown Univ.

Contacts: E. Gansner, erg@research.att.com; M. Goodrich, goodrich@ics.uci.edu; C. Silva, csilva@research.att.com; R. Tamassia, rt@cs.brown.edu.

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

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

* 25–27 **2002 Conference on Applied Mathematics (CAM 2002)**, University of Central Oklahoma, Edmond, Oklahoma.

Topics: The conference will feature special sessions in error-correcting codes and wavelets and signal processing.

Speakers: Keynote speakers will be N. Sloane (AT&T Shannon Labs) and V. Wickerhauser (Washington Univ.-St. Louis).

Conference Organizers: J. Byrne, 100 N. University Drive, Edmond, OK 73034; jbyrne@ucok.edu; tel: (405) 974-5575; and C. Simmons, 100 N University Drive, Edmond, OK 73034; cksimmons@ucok.edu; tel: (405) 974-5316.

Information and Deadlines: Papers are invited for contributed paper sessions, including a session for undergraduate and graduate student talks. Those interested in presenting may send an abstract and minivitaes to the organizers by August 2. Grant proposals to provide travel support for a limited number of participants are pending with NSA and NSF. For more information, please visit the conference website at <http://www.math.ucok.edu>.

* 26–27 **AMS Western Section Meeting**, University of Utah, Salt Lake City, Utah.

Information: <http://www.ams.org/amsmtgs/sectional.html>.

27–29 **King Fahd University of Petroleum and Minerals**, Dhahran, Saudi Arabia. (Mar. 2002, p. 360)

November 2002

2–3 **PIMS Cascade Topology Conference**, University of British Columbia, Vancouver, British Columbia, Canada. (May 2002, p. 608)

* 8–10 **Conference to Celebrate the 70th Birthday of Professor Avner Friedman**, University of Minnesota, School of Mathematics, Minneapolis, Minnesota.

Speakers: D. Kinderlehrer (Carnegie Mellon), M. Gurtin (Carnegie Mellon), B. Pulleyblank (IBM), G. Papanicolaou (Stanford), H. Matano (Univ. of Tokyo), B. Peletier (Leiden Univ.), R. Brualdi (Univ. of Wisconsin), D. James (Univ. of Minnesota), M. Steele (Univ. of Pennsylvania), G. McDonald (General Motors), N. Kopell (Boston Univ.), J. Guckenheimer (Cornell), K. H. Hoffman (Center for Advanced European Studies & Research, Bonn), W. Newman (UCLA).
Organizing Committee: N. Krylov, W. Littman (chair), F. Reitich, F. Santosa.

Financial support: Interested younger participants are invited to apply for partial support for travel and local expenses. Please supply a brief research summary or C.V. and a letter of reference.

Information and Contacts: Email: dept@math.umn.edu; tel: (612) 625-5591. The final list of speakers and other conference details will be posted on the department's website at <http://www.math.umn.edu/>.

* 9–10 **AMS Southeastern Section Meeting**, University of Central Florida, Orlando, Florida.

Information: <http://www.ams.org/amsmtgs/sectional.html>.

* 14–15 **DIMACS Workshop on Computational Geometry**, DIMACS Center, Rutgers University, Piscataway, New Jersey.

Sponsors: DIMACS Center.

Deadline for Submissions: October 11, 2002.

Organizers: J. S. B. Mitchell, SUNY at Stony Brook.

Contacts: J. S. B. Mitchell, jsbm@ams.sunysb.edu.

Local Arrangements: J. Herold, DIMACS Center, jessicah@dimacs.rutgers.edu; tel: 732-445-5928.

Information: <http://dimacs.rutgers.edu/Workshops/CompGeom/>

* 18–22 **International Conference on Fuzzy Systems and Knowledge Discovery (FSKD'02); 9th International Conference on Neural Information Processing (ICONIP'02); 4th Asia-Pacific Conference on Simulated Evolution and Learning (SEAL'02)**, Orchid Country Club, Singapore.

Information: <http://www.ntu.edu.sg/home/nef/>. Please visit the conference homepage or contact: L. Wang, ICONIP'02-SEAL'02-FSKD'02 General Chair, School of Electrical and Electronic Engineering, Nanyang Technological Univ., Block S2, 50 Nanyang Avenue, Singapore 639798; e-mail: elpwang@ntu.edu.sg; phone: +65 6790 6372.

18–22 **Twenty Years of Tilting Theory: An Interdisciplinary Symposium**, Fraueninsel, Germany. (Apr. 2002, p. 504)

25–28 **Fifth International Conference on Monte Carlo and Quasi-Monte Carlo Methods in Scientific Computing (MCQMC 2002)**, Singapore, Republic of Singapore. (Apr. 2002, p. 504)

December 2002

* 5–8 **Geometry and Topology of Quotients**, University of Arizona, Tucson, Arizona.

Focus: The conference focuses on various aspects of geometry and topology of quotients naturally arising in algebraic and symplectic geometry. The plenary lectures will survey recent progress and current directions of research in geometric invariant theory and symplectic reductions, explain connections with other disciplines and applications to physics. In addition to principal lectures, there

will be sessions of contributed talks and round-table discussions. Women and minority researchers are encouraged to participate.

Financial Support: Available for graduate students and researchers with no other means of support.

Principal Speakers: I. Dolgachev (Michigan), W. Fulton (Michigan), S. Keel (Texas), J. Li (Stanford), R. Sjamaar (Cornell), S. Tolman (Illinois), A. Weinstein (Berkeley).

Local Organizers: P. Bressler, P. Foth, Y. Hu, J.-H. Lu.

Information: <http://www.math.arizona.edu/~foth/gtq.html>.

* 9–12 **ICDM '02: The 2002 IEEE International Conference on Data Mining Sponsored by the IEEE Computer Society**, Maebashi TERRSA, Maebashi City, Japan.

Information: See <http://kis.maebashi-it.ac.jp/icdm02/> or mirror page: <http://www.wi-lab.com/icdm02/>.

* 9–13 **9th Annual Biopharmaceutical Applied Statistics Symposium**, Savannah, Georgia.

Organizer: MCV/VCU and GASOU Biostatistics Departments.

Information: 12 tutorials, 4 short courses, on topics related to research, development and regulation of pharmaceuticals, with emphasis on biostatistics; e-mail: KEPeace@gasou.edu; <http://views.vcu.edu/bis/bass/>.

9–13 **Elliptic Cohomology and Chromatic Phenomena**, Isaac Newton Institute for Mathematical Sciences, Cambridge, England. (Apr. 2002, p. 504)

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. (May 2002, p. 608)

9–13 **Title 27th Australasian Conference on Combinatorial Mathematics and Combinatorial Computing (27ACCMCC)**, The University of Newcastle, Newcastle, NSW, Australia. (Feb. 2002, p. 271)

* 14–16 **International Symposium on Pure and Applied Mathematics (ISPAM 2002)**, Calcutta, India.

Dedication: The symposium is dedicated to Niels Henrik Abel to mark the 200th anniversary of his birth.

Topics: a) Algebra and its applications, b) Analysis and topology and their applications, c) Geometry and its applications, d) Dynamical systems, chaos and fractals, e) Continuum mechanics, f) Plasma physics, g) Control theory and optimization theory, h) Biomechanics, i) Applications of mathematics to environmental problems, and j) History and philosophy of physical science.

Information: All correspondence in regard to the symposium is to be addressed to: M. R. Adhikari; H. P. Mazumdar, Convenor; Calcutta Math. Soc., Physics and Applied Mathematics Unit, AE-374, Sector-1, Salt Lake City Indian Statistical Institute, Calcutta-700064, India 203 B.T.Road, Calcutta-700035, India; e-mail: cms@ca12.vsn1.net.in or hpm@isical.ac.in.

* 27–30 **ASL Winter Meeting (with APA)**, Philadelphia Marriott, Philadelphia, Pennsylvania.

Program Committee: J. Burgess, B. Ewald, and S. Weinstein (Chair).

Abstracts: Abstracts of contributed talks submitted by ASL members will be published in *The Bulletin of Symbolic Logic* if they satisfy the rules for abstracts (see <http://aslonline.org/Meetings.htm>). Abstracts must be received by the deadline of September 16, 2002, at the ASL business office: ASL, Box 742, Vassar College, 124 Raymond Avenue, Poughkeepsie, NY 12604, USA; fax: 1-845-437-7830; e-mail: asl@vassar.edu.

January 2003

January–August **Thematic Program on Automorphic Forms**, The Fields Inst. for Research in Math. Sciences, Toronto, Canada. (Dec. 2001, p. 1368)

6–11 **International Conference on Dynamical Systems and Geometry, to Celebrate the Sixtieth Anniversary of Alberto Verjovsky**, Cuernavaca, Mexico. (Oct. 2001, p. 1051)

12–14 **ACM-SIAM Symposium on Discrete Algorithms**, Hyatt Regency, Baltimore, Maryland. (May 2002, p. 608)

* 15–18 **Joint Mathematics Meetings**, Baltimore Convention Center, Baltimore, Maryland.

Information: URL: http://www.ams.org/amsmtgs/2074_intro.html.

* 17–18 **2002–2003 ASL Winter Meeting (with Joint Mathematics Meetings)**, Baltimore Convention Center, Baltimore, Maryland.

Description: This meeting will take place in conjunction with the Joint Mathematics Meetings, which will be held January 15–18, 2003.

Program Committee: H. Becker (Chair), M. C. Laskowski, and R. Solomon.

Abstracts: Abstracts of contributed talks submitted by ASL members will be published in *The Bulletin of Symbolic Logic* if they satisfy the rules for abstracts (see <http://aslonline.org/Meetings.htm>). Abstracts must be received by the deadline of September 30, 2002, at the ASL business office: ASL, Box 742, Vassar College, 124 Raymond Avenue, Poughkeepsie, NY, 12604, USA; fax: 1-845-437-7830; e-mail: asl@vassar.edu.

February 2003

9 **Short Course Prior to Conference on Computational Science and Engineering**, Hyatt Regency Islandia Hotel and Marina, San Diego, California. (May 2002, p. 608)

10–14 **Permutation Patterns**, University of Otago, Dunedin, New Zealand. (May 2002, p. 608)

March 2003

* 14–16 **AMS Southeastern Section Meeting**, Louisiana State University, Baton Rouge, Louisiana.

Information: <http://www.ams.org/amsmtgs/sectional.html>.

17–20 **SIAM Conference on Mathematical and Computational Issues in the Geosciences**, Radisson Hotel and Suites Austin, Austin, Texas. (May 2002, p. 608)

April 2003

* 4–6 **AMS Central Section Meeting**, Indiana University, Bloomington, Indiana.

Information: <http://www.ams.org/amsmtgs/sectional.html>.

* 12–13 **AMS Eastern Section Meeting**, Courant Institute, New York, New York.

Information: <http://www.ams.org/amsmtgs/sectional.html>.

* 17–19 **The Sixth Asian Symposium on Computer Mathematics (ASCM 2003)**, Beijing, Japan.

Description: The Asian Symposium on Computer Mathematics (ASCM) is a series of conferences which offers an opportunity for participants to present original research, to learn of research progress and new developments, and to exchange ideas and views on doing mathematics using computers. ASCM 2003 will provide an international forum for active researchers to review the current state of the art and trends on computer mathematics. The symposium will consist of plenary sessions by invited speakers, regular sessions of contributed papers, and software demonstrations.

Information: <http://www.mmrc.iss.ac.cn/~ascm/>.

May 2003

1–3 **SIAM International Conference on Data Mining**, Cathedral Hill Hotel, San Francisco, California. (May 2002, p. 608)

* 3–4 **AMS Western Section Meeting**, San Francisco State University, California.

Information: <http://www.ams.org/amsmtgs/sectional.html>.

3–5 **First International Conference on Smarandache Geometries**, Griffith Univ., Gold Coast Campus, Australia. (Dec. 2001, p. 1368)

* 11–16 **International Conference on General Control Problems and Applications (GCP 2003): Dedicated to the 100th Anniversary of A. N. Kolmogorov**, Tambov State University, Tambov, Russia.

Scope: A. N. Kolmogorov creative legacy; optimization theory and its prospects; approximation methods and stability in control; variation methods for nonlinear systems investigating and their applications; mathematical models of economic systems control; mathematical models of control technical, natural, and humanities.

Organizers: Moscow M. V. Lomonosov State Univ.; Steklov V. A. Inst. of Math. of the Russ. Acad. of Sci.; Ministry of Education of Russian Federation; Ministry of Industry, Science, and Technologies of Russian Federation; Tambov region Administration; Tambov G. R. Derzhavin State Univ.

Program committee: V. M. Filippov, A. B. Kurzhansky, Yu. S. Osipov, V. A. Sadovnichy, V. M. Tikhomirov (chairmen); A. I. Bulgakov (deputy); A. P. Afanasiev, A. V. Arutyunov, N. A. Bobylev, A. G. Chentsov, V. B. Demidovich, V. V. Dikumar, A. V. Dmitruk, I. V. Evstigneev, V. I. Levin, G. G. Magaril-Il'yaev, S. M. Nikol'sky, Yu. V. Pokorny, E. L. Tonkov, M. I. Zelikin; E. S. Zhukovsky (scientific secretary).

Languages of Conference: Russian, English.

Call for Papers: Authors are kindly invited to submit abstracts before November 1, 2002. Contributions must be prepared in LaTeX.

Information: Contacts: For up-to-date information, please visit our website <http://www.opu2003.narod.ru/> or contact the conference committee via e-mail: aib@tsu.tmb.ru, uaa@hmb.nnn.tstu.ru.

* 11–18 **Conference on Topological Algebras, Their Applications, and Related Topics**, Poznan, Poland.

Description: The Conference will take place at the Mathematical Conference Center in Bedlewo, near Poznan, Poland, to celebrate the 70th birthday of Professor Wieslaw Zelazko.

Topics: General theory of Banach and topological algebras, Spectral theory of Banach and topological algebras, Operator theory, Topological algebras and complex analysis, Harmonic analysis, Homological methods in the theory of Banach algebras, Automatic continuity, Representations, structure and classification of topological algebras, Nonassociative topological algebras,

Information: <http://main.amu.edu.pl/~ta2003/>; e-mail: ta2003@amu.edu.pl, or write to A. Soltysiak, Faculty of Mathematics and Computer Science, Adam Mickiewicz University, 60-769 Poznan, Poland.

20–24 **Fourth Seminar on Stochastic Analysis, Random Fields and Applications Fourth Minisymposium on Stochastic Methods in Financial Models**, Centro Stefano Franscini, Ascona, Switzerland. (May 2002, p. 608)

20–24 **The 31st Annual Canadian Operator Theory and Operator Algebras Symposium**, UNB, Fredericton, New Brunswick, Canada. (Sept. 2001, p. 910)

27–31 **SIAM Conference on Applications of Dynamical Systems**, Snowbird Ski and Summer Resort, Snowbird, Utah. (May 2002, p. 608)

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.

June 2003

* 1–4 **2003 ASL Annual Meeting**, University of Illinois at Chicago, Chicago, Illinois.

Program Committee: A. Blass (Chair).

Organizing Committee: W. Blok, B. Hart (Chair), B. Howard, and D. Marker.

* 1–6 **International Conference on Group Theory: Combinatorial, Geometric, and Dynamical Aspects of Infinite Groups**, Gaeta, Italy.

Program: Geometric group theory; ergodic theory; groups acting on trees and boundaries; random walks; amenability; growth of groups, languages, and automata; groups and fractals; L^2 -cohomology; bounded cohomology; branch groups; groups generated by finite automata; calculus of spectra; problems of Burnside type; combinatorics of words.

Organizers: L. Bartholdi, Univ. of Calif., Berkeley; T. Ceccherini-Silberstein, Univ. del Sannio di Benevento; T. Smirnova-Nagnibeda, Royal Inst. of Tech., Stockholm; A. Zuk, Ecole Normale Supérieure de Lyon.

Plenary Speakers: D. Anosov (Steklov Institute, Moscow); G. Baumslag (City Univ., New York); M. Burger (ETH Zürich); H. Furstenberg (Hebrew Univ., Jerusalem); E. Ghys (ENS Lyon); R. Grigorchuk (Steklov Institute, Moscow); M. Gromov (IHES, Paris); F. Grunewald (Univ. of Düsseldorf); P. de la Harpe (Univ. of Geneva); V. Jones (UC Berkeley); A. Lubotzky (Hebrew Univ., Jerusalem); W. Lück (Univ. of Münster); A. Ol'shanskii (Vanderbilt Univ., Nashville, and Moscow State Univ.); G. Pisier (Texas A&M and Univ. of Paris VI); S. Sidki (Univ. of Brasília); A. Valette (Univ. of Neuchâtel); A. Vershik (Steklov Institute, St. Petersburg); E. Zelmanov (Yale Univ., New Haven).

Information: e-mail: gaeta@mat.uniroma1.it or gaeta@math.kth.se; <http://www.marth.kth.se/~gaeta/>.

* 17–21 **Fourth Geoffrey J. Butler Memorial Conference**, University of Alberta, Edmonton, Alberta, Canada.

Description: A gathering for researchers and students in differential equations and mathematical biology.

Information: <http://conley.math.ualberta.ca/butler.html>.

* 18–21 **First Joint International Meeting between the American Mathematical Society and the Real Sociedad Matematica Espanola**, Seville, Spain.

Information: URL: <http://www.us.es/rsme-ams/>.

July 2003

* 7–11 **ICIAM 2003, 5th International Congress on Industrial and Applied Mathematics**, Sydney, Australia.

Information: Visit the website at <http://www.iciam.org/> for full information about speakers, registration, embedded submeetings, deadlines for minisymposia and abstracts, venue, accommodations, sponsors and the organizers.

* 27–August 9 (NEW DATE) **Banach Algebras and Their Applications: Banach Algebras 2003**, Edmonton, Alberta, Canada.

Description: This conference is the sixteenth in a series of conferences on Banach algebras that started in 1974 in Los Angeles. We expect that most specialists in Banach algebras as well as leading mathematicians from related areas will attend this conference. In the past, these conferences have always led to fruitful interaction between the participants, and we expect this tradition to continue. In addition to the regular conference program consisting of one-hour and half-hour talks by the participants, we also plan to hold five workshops on the following topics, each of which will be chaired by an internationally recognized specialist in the respective area: Banach algebras in harmonic analysis (to be held in the honor of Eberhard Kaniuth on the occasion of his retirement), Chair: A. T.-M. Lau (Edmonton); Banach algebras in operator theory, Chair: M. M. Neumann (Starkville; USA); Banach algebras and operator spaces, Chair: Z.-J. Ruan (Urbana-Champaign; USA); K-theory of Banach algebras, Chair: J. Cuntz (Muenster, Germany); Topological homology, Chair: A. Ya. Helemskii (Moscow, Russia). Each workshop

will occupy two afternoons. The chairs are completely free to decide on the format of their workshops.

Information: For more detailed information, including a list of invited speakers, see the conference website at <http://www.math.ualberta.ca/~ba03/>.

August 2003

* 14–20 **2003 ASL European Summer Meeting (Logic Colloquium '03)**, Helsinki, Finland.

Program Committee: P. Aczel, Z. Adamowicz, J. Baldwin, E. Bouscaren, M. Detlefsen, M. Gitik, L. Hella, T. Jech, R. Parikh, H. Schwichtenberg, T. Slaman, V. Stoltenberg-Hansen (Chair), and J. Vaananen.

Organizing Committee: T. Huuskonen, T. Hyttinen, J. Kennedy, K. Luosto, J. Oikkonen, J. Vaananen (Chair), and P. Vaisanen.

October 2003

* 11–12 **AMS Eastern Section Meeting**, SUNY-Binghamton, Binghamton, New York.

Information: <http://www.ams.org/amsmtgs/sectional.html>.

December 2003

* 17–20 **First Joint International Meeting between the American Mathematical Society and Various Indian Mathematical Societies**, Goa, India.

Information: <http://www.ams.org/amsmtgs/internmtgs.html>.

January 2004

* 7–10 **Joint Mathematics Meetings**, Phoenix Civic Plaza, Phoenix, Arizona.

Information: http://www.ams.org/amsmtgs/2004_phioeintro.html.

March 2004

* 26–27 **AMS Central Section Meeting**, Ohio University, Athens, Ohio.

Information: <http://www.ams.org/amsmtgs/sectional.html>.

January 2005

* 5–8 **Joint Mathematics Meetings**, Hyatt Regency Atlanta & Atlanta Marriott Marquis, Atlanta, Georgia.

Information: <http://www.ams.org/amsmtgs/national.html>.