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# Mathematics Calendar

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

## December 2000

1–3 **2000 WSES International Conference on Numerical Analysis and Applications**, Vravrona, Greece. (Oct. 2000, p. 1143)

1–3 **2000 WSES International Conference on Linear Algebra and Applications**, Vravrona, Greece. (Oct. 2000, p. 1143)

1–3 **2000 WSES International Conference on Differential Equations: Theory and Applications**, Vravrona, Greece. (Oct. 2000, p. 1143)

1–3 **2000 WSES International Conference on Algorithms Theory, Discrete Mathematics, Systems and Control**, Vravrona, Greece. (Oct. 2000, p. 1143)

1–3 **2000 WSES International Conference on Topology and Differential Geometry**, Vravrona, Greece. (Oct. 2000, p. 1144)

1–3 **2000 WSES International Conference on Computer Mathematics Education**, Vravrona, Greece. (Oct. 2000, p. 1144)

1–3 **2000 WSES International Conference on Probability, Statistics and Operational Research**, Vravrona, Greece. (Oct. 2000, p. 1144)

1–3 **2000 WSES International Conference on Optimization and Applications**, Vravrona, Greece. (Oct. 2000, p. 1144)

4–6 **Integration of Diverse Biological Data**, DIMACS Center, Rutgers University, Piscataway, New Jersey. (Sept. 2000, p. 975)

4–8 **25th Australasian Conference on Combinatorial Mathematics and Combinatorial Computing**, University of Canterbury, Christchurch, New Zealand. (Sept. 2000, p. 975)

6–9 **International Conference on Analysis and Its Applications**, Meenakshi College for Women, Chennai, India. (Sept. 2000, p. 975)

9–13 **The Ninth International Workshop on Matrices and Statistics in Celebration of C. R. Rao's 80th Birthday (NIWMS-2000)**, Hyderabad, India. (Sept. 2000, p. 975)

10–11 **Workshop on Mathematical Methods in Brain Mapping**, Centre de Recherches Mathématiques, Montréal, Quebec, Canada. (Oct. 2000, p. 1144)

11–15 **ATMGT2000, Algebraic and Topological Methods in Graph Theory**, University of Auckland, Auckland, New Zealand. (May 2000, p. 596)

\*14–16 **Cohomological Methods in Commutative Algebra**, Homi Bhabha Center of Science Education, Mumbai, India.  
**Information:** <http://www.math.iitb.ernet.in/>.

17–21 **ASCM '2000—4th Asian Symposium on Computer Mathematics**, Chiang Mai, Thailand. (Oct. 2000, p. 1144)

18–20 **Fifth Mathematics in Signal Processing**, University of Warwick, UK. (Sept. 2000, p. 975)

20–22 **Mathematics and Computers in Biology and Chemistry (MCBC 2000)**, Montego Bay, Jamaica. (Apr. 2000, p. 503)

20–22 **Mathematics and Computers in Business and Economics (MCBE 2000)**, Montego Bay, Jamaica. (Apr. 2000, p. 503)

20–22 **Acoustics and Music: Theory and Applications (AMTA 2000)**, Montego Bay, Jamaica. (Apr. 2000, p. 503)

30–January 3, 2001 **IISA 2000 - 2001 - INDIA - JSM**, New Delhi, India. (Oct. 2000, p. 1144)

## January 2001

January–May **MSRI Program in Spectral Invariants—Analytic and**

**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](mailto:notices@ams.org) or [mathcal@ams.org](mailto:mathcal@ams.org).

**In order** to allow participants to arrange their travel plans, organizers of meetings are urged to submit information for these listings early enough to allow them to appear in more than one issue of the *Notices* prior to the meeting in question. To achieve this, listings should be received in Providence **six months** prior to the scheduled date of the meeting.

**The complete listing** of the Mathematics Calendar will be published only in the September issue of the *Notices*. The March, June, and December issues will include, along with new announcements, references to any previously announced meetings and conferences occurring within the twelve-month period following the month of those issues. New information about meetings and conferences that will occur later than the twelve-month period will be announced once in full and will not be repeated until the date of the conference or meeting falls within the twelve-month period.

**The Mathematics Calendar**, as well as Meetings and Conferences of the AMS, is now available electronically through e-MATH on the World Wide Web. To access e-MATH, use the URL: <http://e-math.ams.org/> (or <http://www.ams.org/>). (For those with VT100-type terminals or for those without WWW browsing software, connect to e-MATH via Telnet ([telnet e-math.ams.org](telnet://e-math.ams.org); login and password e-math) and use the Lynx option from the main menu.)

**Geometric Aspects**, Mathematical Sciences Research Institute, Berkeley, California. (Sept. 1998, p. 1054)

**January–June Symplectic Topology, Geometry and Gauge Theory Program**, Toronto and Montreal, Canada. (Apr. 2000, p. 503)

\* 4–6 **Stochastic Partial Differential Equations, Statistical Issues and Applications**, University of Copenhagen, Copenhagen, Denmark.

**Organizers:** M. Huebner (Michigan State) and M. Sorensen (Copenhagen).

**Information:** <http://www.math.ku.dk/~michael/spde2001/>.

\* 4–8 **Knots, Links, and Manifolds—4th International Siegen Topology Symposium**, Emmy-Noether-Campus of Siegen University, Siegen, Germany.

**Organizing committee:** U. Kaiser, U. Koschorke, J. Levine.

**Program:** About 30 lectures on knotting and linking phenomena and other aspects of differential and geometric topology.

**Information:** U. Kaiser, U. Koschorke, Department of Mathematics at Siegen University, D-57068 Siegen/Germany; kaiser@mathematik.uni-siegen.de; koschorke@mathematik.uni-siegen.de or [http://www.math.uni-siegen.de/mathe\\_5/knots\\_links\\_manifolds\\_2001/](http://www.math.uni-siegen.de/mathe_5/knots_links_manifolds_2001/).

4–8 **Second Pacific Rim Conference on Mathematics**, Institute of Mathematics, Academia Sinica, Taipei, R.O.C. (Taiwan). (Dec. 1999, p. 1436)

4–9 **II Iberoamerican Congress on Geometry**, Guanajuato, Mexico. (Nov. 2000, p. 1296)

5–10 **Finite and Infinite Combinatorics**, Budapest, Hungary. (Oct. 2000, p. 1144)

10–13 **Joint Mathematics Meeting**, New Orleans Marriott & ITT Sheraton New Orleans Hotel, New Orleans, Louisiana. (Sept. 1997, p. 1031)

17–19 **IMA Mini-Symposium: Fractals in Multimedia**, IMA, University of Minnesota, Minneapolis, Minnesota (Mar. 2000, p. 398)

22–25 **First International Conference on Industrial and Applied Mathematics**, GNDU, Amritsar, India. (Nov. 2000, p. 1296)

25–26 **IMA Tutorial: Digital Libraries**, IMA, University of Minnesota, Minneapolis, Minnesota. (Mar. 2000, p. 398)

26–28 **GAMM-Workshop on Computational Electromagnetics**, Christian-Albrechts-University of Kiel, Kiel, Germany. (Oct. 2000, p. 1144)

29–31 **International Conference on Mathematical Modelling**, University of Roorkee, Roorkee, India. (Sept. 2000, p. 976)

29–February 2 **IMA Workshop 5: Digital Libraries: Data Modeling and Representation**, IMA, University of Minnesota, Minneapolis, Minnesota. (Mar. 2000, p. 398)

## February 2001

February–July 2001–**Random Walks**, Erwin Schrödinger Institute, Vienna, Austria. (Oct. 2000, p. 1144)

1–3 **17th GAMM Seminar Leipzig on Construction of Grid Generation Algorithms**, Max-Planck-Institute for Mathematics in the Sciences, Leipzig, Germany. (Oct. 2000, p. 1145)

\* 2–4 **Third Annual Nebraska Conference for Undergraduate Women in Mathematics**, University of Nebraska, Lincoln, Nebraska.

**Program:** This conference will bring together outstanding undergraduate women mathematicians from across the country and give those who have already done research an opportunity to present their results. Along with research talks, there will be panel discussions about graduate schools and careers in mathematics.

**Keynote Speakers:** J. Key (Clemson Univ.), A. Silverberg (The Ohio State Univ.) (not yet confirmed).

**Information:** There are funds to support undergraduate participants. For more information about registration, financial support and program details, send e-mail to [womenws@math.unl.edu](mailto:womenws@math.unl.edu), or

contact Nebraska Conference for Undergraduate Women in Mathematics, Department of Mathematics and Statistics, University of Nebraska, Lincoln, NE 68588-0323.

3–7 **ANZIAM2001 (Australian and New Zealand Industrial and Applied Mathematics)**, Barossa Valley Resort, South Australia, Australia. (May 2000, p. 596)

11–15 **2001 WSES International Conference on Evolutionary Computations (EC'01)**, Puerto De La Cruz, Tenerife, Canary Islands, Spain. (Oct. 2000, p. 1145)

11–15 **2001 WSES International Conference on Fuzzy Sets and Fuzzy Systems (FSFS'01)**, Puerto De La Cruz, Tenerife, Canary Islands, Spain. (Oct. 2000, p. 1145)

11–15 **2001 WSES International Conference on Neural Networks and Applications (NNA '01)**, Puerto De La Cruz, Tenerife, Canary Islands, Spain. (Oct. 2000, p. 1145)

12–16 **IMA Workshop 6A: Digital Libraries: Digital Asset Management**, IMA, University of Minnesota, Minneapolis, Minnesota. (Mar. 2000, p. 398)

17–19 **International Symposium on Mathematics and Its Applications (ISMA 2001)**, Calcutta, India. (Oct. 2000, p. 1145)

25–March 1 **NATO Advance Research Workshop: Application of Algebraic Geometry to Coding Theory, Physics and Computation**, Eilat, Israel. (Oct. 2000, p. 1145)

26–March 2 **IMA Workshop 6B: Digital Libraries: Classification, Retrieval and Visualization**, IMA, University of Minnesota, Minneapolis, Minnesota. (Mar. 2000, p. 398)

## March 2001

2–3 **Southeastern Analysis Meeting (SEAM XVII)**, University of Georgia, Athens, Georgia. (Nov. 2000, p. 1297)

8–10 **Seminar on Stochastic Processes 2001**, The University of Florida, Gainesville, Florida. (May 2000, p. 596)

8–11 **Workshop on Population Genetics at the Molecular Level**, Centre de Recherches Mathématiques, Montréal, Quebec, Canada. (Oct. 2000, p. 1145)

9–11 **The Third International Meeting of Origami Science, Math, and Education**, Asilomar, Monterey, California. (Sept. 2000, p. 977)

16–18 **AMS Southeastern Sectional Meeting**, University of South Carolina, Columbia, South Carolina. (Jan. 1998, p. 113)

**Information:** W. Drady, [wsd@ams.org](mailto:wsd@ams.org).

\* 19–24 **IV International Symposium on Hamiltonian Systems and Celestial Mechanics**, Mathematics Research Center (CIMAT), Guanajuato, Mexico.

**Topics:** The main topics include: Periodic orbits, Arnold diffusion, central configurations, singularities in few body problems, billiards, area-preserving maps and geometrical mechanics.

**Invited Speakers: (\*not confirmed):** A. Albouy (B. des Longitudes, France), H. Cabral (Univ. Federal de Pernambuco, Brazil), H. Cendra (Univ. Nacional del Sur, Bahia Blanca, Argentina), A. Chenciner (B. des Longitudes, France)\*, A. Delshams (Univ. Politecnica de Catalunya, Spain), F. Diacu (Univ. of Victoria, Canada), A. Jorba (Univ. de Barcelona, Spain), J. Koiller (Univ. Federal de Rio de Janeiro, Brazil), R. De La Llave (Univ. of Texas), Ch. McCord (Univ. of Cincinnati), J. D. Meiss (Univ. of Colorado), K. Meyer (Univ. of Cincinnati), R. Moeckel (Univ. of Minnesota)\*, R. Montgomery (Univ. of California-Santa Cruz), C. Robinson (Northwestern Univ.), D. Saari (Univ. of California-Irvine)\*, S. Wiggins (CalTech), J. Xia (Northwestern Univ.).

**Presentations:** Oral presentations will be for 30 and 45 minutes. All the participants in the conference are invited to submit a paper to the proceedings of the symposium. The contributions will go through the usual referee procedure of any journal and will be in principle edited by World Scientific as in previous Symposia. There will be a limited number of talks, but there are still openings

available for those interested in giving one. Send title and abstract before January 15, 2001, to J. Delgado, [jdf@xanum.uam.mx](mailto:jdf@xanum.uam.mx).

**Organizers:** J. Delgado, E. A. Lacomba, J. Llibre and E. Perez-Chavela.

**Information:** <http://www.mat.uam.mx/hamsys/homepage.htm>.

\* **22–24 Finite Simple Groups, Geometries, Buildings, and Related Topics—Conference in Honor of Ernest Shult**, Kansas State University, Manhattan, Kansas.

**Description:** A conference in honor of Ernie Shult on the occasion of his retirement will be held at Kansas State University, March 22–24 (Thursday through Saturday) of 2001. The themes of this conference are to coincide roughly with Ernie's various past and present mathematical interests, with emphasis on Geometries Related to Buildings and on recent developments in the Classification of the Finite Simple Groups and related topics.

**Principal Speakers:** M. Aschbacher (Cal Tech), W. Kantor (Univ. of Oregon), U. Meierfrankenfeld (Michigan State Univ.), R. Solomon (Ohio State Univ.), J. Thas (Ghent).

**Information:** Besides the main speakers, there will be parallel sessions of talks as well. If you are interested in giving a talk, please send e-mail to [zlin@math.ksu.edu](mailto:zlin@math.ksu.edu) or [chermak@math.ksu.edu](mailto:chermak@math.ksu.edu), or visit the Web page <http://www.math.ksu.edu/conf2001/>.

**Organizing Committee:** M. Aschbacher (Cal Tech), A. Chermak (Kansas State Univ.), Z. Lin (Kansas State Univ.), B. Stellmacher (Kiel, Germany).

**22–24 Richard Brauer (1901–1977): Taking His Ideas into the 21st Century**, Stuttgart, Germany. (Nov. 2000, p. 1297)

**25–30 Sixth International Conference on Approximation and Optimization in the Caribbean**, Guatemala City, Guatemala. (Oct. 2000, p. 1145)

**26–30 (NEW DATE) New Trends in Potential Theory and Applications**, Bielefeld University, Bielefeld, Germany. (Nov. 2000, p. 1297)

**26–30 Quadratic Forms and Related Topics**, Louisiana State University, Baton Rouge, Louisiana. (Sept. 2000, p. 977)

**27–29 Third Spatial Patterns in Permeable Rocks**, Churchill College, Cambridge, UK. (Sept. 2000, p. 977)

### April 2001

**9–11 Fourth Modelling in Industrial Maintenance and Reliability**, University of Salford, UK. (Sept. 2000, p. 977)

**9–13 Joint IDR-IMA Workshop: Ideal Data Representation**, IMA, University of Minnesota, Minneapolis, Minnesota. (Mar. 2000, p. 398)

**19–20 IMA Tutorial: Geometric Design**, IMA, University of Minnesota, Minneapolis, Minnesota. (Mar. 2000, p. 398)

**20–22 Riviere-Fabes Symposium on Analysis and PDE**, University of Minnesota, School of Mathematics, Minneapolis, Minnesota. (Nov. 2000, p. 1297)

**23–27 IMA Workshop 7: Geometric Design**, IMA, University of Minnesota, Minneapolis, Minnesota. (Mar. 2000, p. 399)

**25–26 Workshop on Mathematical Formalisms for RNA Structure**, Centre de Recherches Mathématiques, Montréal, Quebec, Canada. (Oct. 2000, p. 1145)

**28–29 AMS Northeastern Section Meeting**, Stevens Institute of Technology, Hoboken, New Jersey. (Nov. 1998, p. 1378)

**Information:** Information will appear on the meetings pages on e-MATH.

### May 2001

**6–10 Eurocrypt 2001**, Innsbruck, Austria. (Nov. 2000, p. 1297)

**10–11 IMA Tutorial: Computer Graphics**, IMA, University of Minnesota, Minneapolis, Minnesota. (Mar. 2000, p. 399)

\* **13–17 Fourth International Conference of SampTA**, University of Central Florida, Orlando, Florida.

**Description:** Tentative list of plenary speakers: J. Benedetto (Univ. Maryland), A. Grunbaum (Univ. of Calif.-Berkeley), E. Meyer (Univ. of Paris), M. Unser (Swiss Fed. Inst. of Tech.), P. Vaidyanathan (Cal Tech).

**Organizers:** The SampTA Organization is an international group of mathematicians and engineers that has been organizing international conferences for the last six years on the theory and applications of Shannon sampling theory and related topics of harmonic analysis, such as wavelets and other time-frequency representations.

**Local Organizing Committee:** A. I. Zayed (chair) and P. Mikusinski (Dept. of Math.); I. Batarseh and W. Mikhael (Dept. of Elec. and Comp. Engineering).

**Deadlines:** Deadline for abstract submission: November 24, 2000; Deadline for full manuscript submission: March 16, 2001.

**Information:** For further information see the Web site <http://www.math.ucf.edu/~sampta/>, or contact [sampta@math.ucf.edu](mailto:sampta@math.ucf.edu), or A. I. Zayed, Dept. of Math., Univ. of Central Florida, Orlando, FL 32816-1364; tel: 407-823-5989; fax: 407-823-6253; e-mail: [zayed@mail.ucf.edu](mailto:zayed@mail.ucf.edu).

**14–18 IMA Workshop 8: Computer Graphics**, IMA, University of Minnesota, Minneapolis, Minnesota. (Mar. 2000, p. 399)

**20–24 Sixth SIAM Conference on Applications of Dynamical Systems (DS01)**, Snowbird Ski and Summer Resort, Snowbird, Utah. (Sept. 2000, p. 978)

\* **20–26 13th International Conference on Formal Power Series and Algebraic Combinatorics**, Arizona State University, Tempe, Arizona.

**Topics:** Algebraic and bijective combinatorics and its relation with other parts of mathematics, combinatorial and computer algebra, computer science, and physics.

**Program:** Invited lectures, contributed presentations, poster sessions, problem sessions and software demonstrations. A special session will be dedicated to the work of Rodica Simion. Co-authors of Rodica Simion are encouraged to send a poster presentation of their joint work.

**Program Committee:** H. Barcelo (USA, chair), V. Welker (Germany, co-chair), R. Bedard (France), L. Carini (Italy), R. Cori (France), M. Delest (France), A. Denise (France), A. Duval (USA), I. Gessel (USA), A. Goupil (Canada), A. J. Guttmann (Australia), P. Haxell (Canada), T. Hibi (Japan), M. Mendez (Venezuela), S. Onn (Israel), A. Ram (USA), D. Stanton (USA), L. Verde-Star (Canada/Mexico), M. Wachs (USA), T. Walsh (Canada), D. Welsh (United Kingdom).

**Organizing Committee:** H. Barcelo (USA, chair), M. Delest (France), J. M. Fedou (France), D. J. Grabiner (USA), G. Hurlbert (USA), P. Leroux (Canada), D. Stanton (USA), V. Welker (Germany).

**Invited Speakers:** (This list is not yet complete.) I. Barany (Hungary/England), M. Bousquet-Melou (France), G. Kalai (Israel), R. P. Stanley (USA), W. T. Trotter (USA), M. Vergne (France), H. Wilf (USA).

**Official Languages:** English, French, and Spanish.

**Deadlines:** Paper and poster submission: Extended abstracts of at most twelve pages by November 15, 2000. Software submission: January 15, 2001. Open problem session: May 1, 2001. Registration: January 15, 2001.

**Information:** See the conference home page at <http://math.la.asu.edu/~fpsac01/> or e-mail: [fpsac01@asu.edu](mailto:fpsac01@asu.edu).

**28–June 1 Harmonic Morphisms and Harmonic Maps**, Centre International de Rencontres Mathématiques, Luminy, Marseille, France. (Sept. 2000, p. 978)

**28–30 2001 International Conference on Computational Science**, San Francisco, California. (Nov. 2000, p. 1297)

\* **30–June 2 Thirteenth Biennial Conference of the Association of Christians in the Mathematical Sciences**, Calvin College, Grand Rapids, Michigan.

**Featured Speaker:** W. Dembski, Baylor Univ.

**Conference Coordinator:** M. Stob ([stob@calvin.edu](mailto:stob@calvin.edu)).

**Deadline:** Deadline for abstracts of contributed papers is January 15, 2001.

## June 2001

\* 4–8 **International Conference of Computational Harmonic Analysis**, City University of Hong Kong.

**Scope:** The main objective of this conference is to bring together mathematical scientists and engineers interested in the computational aspects of harmonic analysis. The central conference theme is "wavelets" in the broadest sense, covering time-frequency and time-scale analysis, subband coding, fast numerical computations, spline methods, multiscale algorithms, approximation theory, and various applications.

**Plenary Speakers:** R. Coifman, Yale Univ.; W. Dahmen, RWTH Aachen, Germany; I. Daubechies, Princeton Univ.; D. Donoho, Stanford Univ.; R.-Q. Jia, Univ. of Alberta, Canada; K.-S. Lau, Chinese Univ. of Hong Kong; S. Luan Lee, National Univ. of Singapore; S. Mallat, École Polytechnique, France; C. Micchelli, IBM Research Center; S. Smale, City Univ. of Hong Kong; G. Strang, Massachusetts Institute of Technology; M. Vetterli, Swiss Federal Institute of Technology.

**Sponsors:** Croucher Foundation and Liu Bie Ju Centre for Mathematical Sciences, City University of Hong Kong.

**Organizers:** C. Chui, Stanford Univ.; R. Wong, City Univ. of Hong Kong; D.-X. Zhou, City Univ. of Hong Kong.

**Scientific Committee:** C. Chui, R. Coifman, I. Daubechies, D. Donoho, S. Mallat, S. Smale, G. Strang.

**Call for Papers:** Abstracts of contributed papers must be received by April 5, 2001. Abstracts should be typed in  $\text{\LaTeX}$  or  $\text{\TeX}$ , not to exceed one page, and sent to the conference secretary by e-mail at malam@cityu.edu.hk.

**Information:** C. Lam, Conference Secretary, Liu Bie Ju Centre for Mathematical Sciences, City University of Hong Kong, 83 Tat Chee Avenue, Kowloon, Hong Kong; e-mail: malam@cityu.edu.hk; tel: (852) 2788 9816; fax: (852) 2788 7446; <http://www.cityu.edu.hk/ma/liube/index.html>.

4–9 **Fractals in Graz 2001: Stochastics-Analysis-Dynamics-Geometry**, Technical University of Graz, Graz, Austria. (Oct. 2000, p. 1146)

6–10 **The 3rd International Conference on Mathematical Biology**, Guilin, China. (Sept. 2000, p. 978)

8–10 **Joint Meeting of the Belgian and German Mathematical Societies 2001 BMS-DMV Meeting**, University of Liege, Belgium. (Sept. 2000, p. 978)

11–15 **IMA Workshop: Haptics, Virtual Reality and Human Computer Interaction**, IMA, University of Minnesota, Minneapolis, Minnesota. (Sept. 2000, p. 978)

\* 12–14 **M<sup>2</sup>SABI'01—The IMACS/IFAC Fourth International Symposium on Mathematical Modelling and Simulation in Agricultural and Bio-Industries**, Haifa, Israel.

**Scope:** The symposium will include both contributed papers and special sessions in the following areas: Modeling strategies, Object-oriented modeling, Methods and tools for system identification and parameter estimation, Distributed models, Model based control, Biophysical modeling, Multi-modal models, Design of "model-biological system" experiments.

**Special Activities:** Special activities for the participants and their companions will include pre- and postsymposium tours to the Galilee, Jerusalem, Eilat and the Red Sea, the Dead Sea, and the Hashemite Kingdom of Jordan. A professional tour to one Israel Ministry of Agriculture Research Station is also planned. Information about the special activities is available from the Symposium Secretariat at C. Mayer, 59 Ha'atzmaut Road, Haifa 33033, Israel; tel: 972-4-8524254; fax: 972-4-8522491; e-mail: care1@pa1ex.co.il.

**Information:** Prospective authors and participants are invited to visit the M<sup>2</sup>SABI'01 home page located at <http://www.technion.ac.il/technion/agr/m2sabi01.html> or contact the general chair:

P. O. Gutman, Faculty of Agricultural Engineering, Technion—Israel Institute of Technology, Haifa 32000, Israel; tel: 972-4-8292811; fax: 972-4-8221529; e-mail: peo@tx.technion.ac.il.

\* 16–19 **Sixteenth Annual IEEE Symposium on Logic in Computer Science (LICS 2001)**, Boston, Massachusetts.

**Affiliated Workshops:** As in past years, facilities are available for preconference and postconference workshops related to topics generally covered by LICS or of special interest to LICS attendees. Researchers and practitioners are invited to submit proposals for workshops on topics related to logic in computer science, broadly understood. Past workshops have emphasized emerging topics of particular interest. Proposals that promise to bring new topics into LICS, of either practical or theoretical importance, or provide a forum for more detailed discussion of central topics of continuing importance will be welcomed. Proposals should consist of two parts. First, a short scientific justification of the proposed topic, its significance, and the particular benefits of a workshop. A second, organizational, part should include: contact information for organizers; proposed format and agenda; procedures for selecting papers and participants; duration and preferred period (pre- or post-LICS).

**Deadline:** Proposals are due October 1, 2000. Proposals may be submitted electronically to L. Libkin, e-mail: libkin@research.bell-labs.com, as PostScript or ascii e-mail with "LICS Workshop Submission" Location of Program: DIMACS Center, Rutgers University, Piscataway NJ, 08854-8018 in the subject header.

**Information:** See <http://logik.mathematik.uni-freiburg.de/lics/>.

18–23 **The Fourth St. Petersburg Workshop on Simulation**, St. Petersburg State Univ., St. Petersburg, Russia. (Oct. 2000, p. 1146)

\* 18–23 **Tools for Mathematical Modelling**, St. Petersburg State Technical University, St. Petersburg, Russia.

**Sponsors:** Department of Mathematics and Laboratory of Nonlinear Analysis, St. Petersburg Technical Univ.; Editorial Board of the Electronic Journal *Differential Equations and Control Processes*.

**Organizing Committee:** V. Zaitsev (Russian State Pedagogical Univ., associate chair, zaitsev@osipenko.stu.neva.ru); L. Linchuk (St. Petersburg State Technical Univ., secretary, mt2001@osipenko.stu.neva.ru).

**Program Topics:** Papers may address a broad range of research fields of current interest. A list of possible topics includes (but is not limited to) the following: mathematical modelling; differential and integral equations; computer algebra; design techniques; numerical methods; parallel and distributed algorithms; computer modelling in dynamical systems; mathematical models in biology, medicine, etc.; applications to physics, electrotechniques, and electronics; dynamic economic models; general macro-economic models; market models. **Scientific Program:** The program will consist of 30-minute lectures to be given by the plenary speakers and parallel sessions for short 15-minute communications by the participants on their recent research.

**Working Languages:** English and Russian.

**Abstracts:** The paper selection for the meeting will be made based on an abstract. This should describe, in one complete page, the objectives, methods and techniques if applicable, essential results already obtained, and conclusions of the work. An abstract of a complete typewritten page should include the title of the paper, names of all authors, complete affiliations, addresses, e-mail, and appropriate references.

**Information:** L. Linchuk, MATHTOOLS'2001, Dept. of Math., State Technical University, Polytechnicheskaya st., 29, St. Petersburg, 195251, Russia; fax: +7+812+5343314, +7+812+5527770; e-mail: mt2001@osipenko.stu.neva.ru.

23–29 **International Conference on Operator Theory and Its Applications, Dedicated to the Memory of Abraham V. Strauss**, Ulyanovsk, Russia. (Sept. 2000, p. 978)

23–30 **Intermediate Problems of Model Theory and Universal**

**Algebra, ERLOGOL-2001**, Technical University, Novosibirsk, Russia. (Oct. 2000, p. 1146)

\* 25–29 **International Linear Algebra Conference (9th Conference of the International Linear Algebra Society)**, Technion - Israel Institute of Technology, Haifa, Israel.

**Description:** The conference will be held under the auspices of the Institute of Advanced Studies in Mathematics at the Technion and the International Linear Algebra Society. This is the 9th conference organized by ILAS since 1989. It is also the 12th conference in a sequence of matrix theory meetings organized by the Technion since 1984.

**List of Speakers:** D. Alpay, R. Bapat, A. Bruckstein, J. Bunch, A. Bunse-Gerstner, N. Cohen, H. Dym, K.-H. Foerster, P. Fuhrmann, I. Gohberg, C. R. Johnson, G. Kalai, S. Kirkland (OT/JT Speaker), W. Luxemburg, R. Merris, R. Meshulam, R. Nabben, I. Olkin, V. Olshevsky, S. Pierce, F. Puerta, J. Queiro, A. Ran, L. Rodman, P. Semrl, B. Shader, J. Shao, T.-Y. Tam, N. Trefethen (ILAS-LAA Speaker), F. Uhlig, W. Watkins, H. J. Werner.

**Organizing Committee:** M. Goldberg (co-chair), D. Hershkowitz (co-chair), R. Loewy (co-chair), A. Berman, R. A. Brualdi, D. London, L. Elsner, L. Lerer, U. G. Rothblum, and A. Zaks.

**Information:** S. Schur (secretary), Dept. of Math., Technion-Israel Institute of Technology, 32000 Haifa, Israel.

## July 2001

1–5 **Warthog Delta'01 Conference on Undergraduate Teaching of Mathematics—Third Southern Hemisphere Symposium on Undergraduate Mathematics Teaching**, Kruger Park, South Africa. (Sept. 2000, p. 979)

3–5 **Mathematics & Design 2001: Mind/Ear/Eye/Hand/Digital**, School of Architecture, Australia School of Computing and Mathematics, Deakin University, Melbourne. (Nov. 2000, p. 1297)

\* 9–20 **SMS-NATO ASI: Modern Methods in Scientific Computing and Applications**, Université de Montréal, Canada.

**Topics:** Computation of matrix quadratic forms, multigrid methods, domain decomposition methods, applications of evolution techniques to image processing, computational aspects of dynamical systems, numerical combustion, computational problems in thin films and fluid interfaces, stochastic differential equations, volatility modelling.

**Invited Speakers:** Zh. Bai, A. L. Bertozzi, A. Bourlioux, G. H. Golub, G. Haase, L. Halpern, A. R. Humphries, U. Langer, K. Mikula, F. Nataf, G. Papanicolaou, J. A. Sethian, R. Sircar, P. E. Souganidis, A. Stuart, T. P. Witelski.

**Deadline for Application:** February 28, 2001.

**Information:** G. David, Dep. mathématiques & statistique, Univ. Montreal. CP 6128-Centre-ville, Montreal (Qc) H3C 3J7, Canada; T (514) 343-6710, F (514) 343-5700, sms@dms.umontreal.ca; <http://www.dms.umontreal.ca/sms/>.

9–22 **European Summer School: Asymptotic combinatorics with application to mathematical physics**, Euler International Mathematical Institute, St. Petersburg, Russia. (Nov. 2000, p. 1297)

12–14 **Fifth SIAM Conference on Control and Its Applications (CT01)**, Town & Country Hotel, San Diego, California. (Sept. 2000, p. 979)

16–20 **Algorithms for Approximation IV**, University of Huddersfield, Huddersfield, UK. (Sept. 2000, p. 979)

16–20 **Probability on Geometric Structures**, CIRM Marseille - Luminy, France. (Nov. 2000, p. 1298)

22–25 **International Symposium on Symbolic and Algebraic Computation (ISSAC 2001)**, University of Western Ontario, London, Ontario, Canada. (Sept. 2000, p. 979)

22–28 **International Nearing and Nearfield Conference**, James Madison University, Harrisonburg, Virginia. (Oct. 2000, p. 1146)

## August 2001

\* 5–18 **BALTICON 2001, Banach Algebra Theory in Context**, Krogerup Hojskole, Denmark.

**Supporters:** The Mathematics Department of the University of Copenhagen, the Danish Science Research Council, Pomona College, and others. This is the 15th in a series of conferences and workshops on this topic.

**Subject:** The conference will emphasize the connections between Banach algebra theory and other areas of mathematics, for instance, (listed alphabetically) automatic continuity theory, Banach spaces, homological algebra theory, locally compact groups and harmonic analysis, operator theory, spectral theory, topology.

**Speakers:** Among the invited speakers are H. G. Dales, J. Esterle, A. Ya. Helemskii, B. E. Johnson, C. Read and G. Willis. The total number of speakers and contributors is expected to be around 60.

**Call for Papers:** All interested are urged to sign up and to submit papers. Abstracts should be submitted no later than February 15, 2001.

**Local Organizing Committee:** N. Grønbaek and K. Bagger Laursen, both from the University of Copenhagen.

**Information:** For further details see <http://www.math.ku.dk/conf/balticon2001/> or write to [balticon2001@math.ku.dk](mailto:balticon2001@math.ku.dk).

5–18 **Groups St. Andrews 2001**, University of Oxford, Oxford, England. (Apr. 2000, p. 503)

13–16 **Fourth SIAM Conference on Linear Algebra in Signals, Systems and Control (LASSCO1)**, Boston Park Plaza Hotel, Boston, Massachusetts. (Sept. 2000, p. 979)

15–20 **SRTL-2: The Second International Research Forum on Statistical Reasoning, Thinking, and Literacy**, University of New England, Armidale, Australia. (Sept. 2000, p. 979)

20–22 **Seventh Annual International Computing and Combinatorics Conference (COCOON'01)**, Guilin, China. (Nov. 2000, p. 1298)

\* 24–29 **5th International Conference on Geometry and Applications**, Varna, Bulgaria.

**Topics:** Foundation of Geometry and Incidence Geometry, Differential Geometry, CAD and Applications in Geometry, Geometry in the School.

**Organizers:** Union of Bulgarian Mathematicians and Geometry Society "B. Petkantchin".

**Scientific Committee:** Dm. Alexeevsky, A. Barlotti, W. Benz, P. Ceccherini, Th. Friedrich, R. Fritsch, P. Gilkey, H. Havlicek, H. Karzel, O. Kowalski, A. Kreuzer, H.-J. Kroll, S. Marchiafava, H. Pedersen, H. Stachel, G. Stanilov (chairman), L. Vanhecke, H. Wefelscheid, H. Zeitler.

**Organizing Committee:** Ch. Lozanov, G. Ganchev, O. Muskarov, J. Davidov, A. Borisov, D. Mekerov, G. Zlatanov, S. Ivanov, M. Manev, J. Tsankov.

**Deadline:** For submitting application forms and abstracts is May 1, 2001.

**Information and Application Forms:** Available from our Web site, <http://banmatpc.math.bas.bg/~smb/confer5/5Conf.html> or by e-mail from G. Stanilov ([stanilov@fmi.uni-sofia.bg](mailto:stanilov@fmi.uni-sofia.bg)) or Ch. Lozanov ([lozanov@fmi.uni-sofia.bg](mailto:lozanov@fmi.uni-sofia.bg)).

27–31 **8th International Conference on Differential Geometry and Its Applications**, Silesian University in Opava, Opava, Czech Republic. (Oct. 2000, p. 1146)

27–31 **Equadiff 10, Czechoslovak International Conference on Differential Equations and Their Applications**, Prague, Czech Republic. (Apr. 2000, p. 502)

## September 2001

1–May 31 **Institut Mittag-Leffler Call for Proposals**, Djursholm, Sweden. (Sept. 2000, p. 979)

4–7 **ECCOMAS 2001**, Swansea, UK. (Sept. 2000, p. 980)

10-14 **3rd IMACS Seminar on Monte Carlo Methods MCM2001**, Salzburg University, Austria. (Nov. 2000, p. 1298)

24-26 **ECCOMAS 2001**, Keble College, Oxford, UK. (Sept. 2000, p. 980)

\*24-30 **11th International Symposium on Classical Analysis**, Kazimierz Dolny, Poland.

**Topics:** Several complex variables (especially  $L^2$ -methods), Riemannian and Hermitian geometry, spectral theory in Hilbert spaces, probability, and mathematical physics. Particular consideration will be given to the interrelation of ideas from different areas and to promotion of wider knowledge of some important classical theories.

**Program:** The scientific program will consist of plenary lectures and thirty 45-min. scientific communications in English. The president of Scientific Committee is M. Skwarczyński.

**Information:** T. Mazur, Technical University, Dept. of Math., Malczewskiego 29, 26-600 Radom, Poland; fax: (4848)26333 or (4848)23969; e-mail: mazurt@kiux.man.radom.pl or krupa@alpha.sggw.waw.pl.

### October 2001

1-5 **International Conference on Numerical Algorithms, dedicated to Claude Brezinski on the occasion of his 60th birthday**, Marrakesh, Morocco. (Oct. 2000, p. 1146)

13-14 **AMS Eastern Sectional Meeting**, Williams College, Williamstown, Massachusetts. (Sept. 1997, p. 1031)

**Information:** W. Drady, [wsd@ams.org](mailto:wsd@ams.org).

### November 2001

5-8 **Seventh SIAM Conference on Geometric Design (SIAG/GD) (GD01)**, Holiday Inn Capitol Plaza Hotel, Sacramento, California. (Sept. 2000, p. 980)

**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 2002

\*23-28 **Fourteenth U.S. National Congress of Theoretical and Applied Mathematics**, Virginia Polytechnic Institute and State University, Blacksburg, Virginia.

**Sponsors:** The U.S. National Committee on Theoretical and Applied Mechanics and its participating societies: Acoustical Society of America, American Institute of Aeronautics and Astronautics, American Institute of Chemical Engineers, American Mathematical Society, American Physical Society, American Society of Testing and Materials, American Society of Civil Engineers, American Society of Mechanical Engineers, Society for Experimental Mechanics, Society for Industrial and Applied Mathematics, Society for Naval Architects and Marine Engineers, Society of Engineering Science, Society of Rheology.

**Scientific Program Committee:** F. Hussain, co-chair; M. W. Hyer, co-chair; R. J. Adrian; S. A. Berger; B. J. Cantwell; H. G. Hornung; G. Homsy; J. L. Junkins; F. C. Moon; Y. D. S. Rajapakse; J. Riley; W. N. Sharpe, Jr.; C. Wark.

**Program:** The scientific sessions of the Congress will consist of general lectures, topical symposia of invited papers, and contributed paper sessions. Contributed papers are solicited in all areas of applied mechanics. Final selection for presentation will be made by the Scientific Committee of the Congress based on 300-word abstracts submitted by January 31, 2002.

**Abstract Submission:** Prospective presenters are invited to either mail 3 copies of a one-page abstract or submit by e-mail, by fax (540-231-4574), or on the conference Web site (preferred mode of submission). Include on the abstract page: the author's name(s) (if multiple authors, indicate contact person), business affiliation(s),

address(es), e-mails, phone and fax numbers, and up to 5 key words. See addresses below.

**Information:** Inquiries regarding the Congress should be addressed to: USNCTAM14, ESM Department, Mail Code 0219, Virginia Tech, Blacksburg, VA 24061; e-mail: [usncam14@vt.edu](mailto:usncam14@vt.edu); tel: 540-231-5045 or 6505; fax: 540-231-4574. Congress Web site: <http://www.esm.vt.edu/usncam14/>.

### August 2002

\*12-16 **MTNS 2002, Fifteenth International Symposium on Mathematical Theory of Networks and Systems**, University of Notre Dame, Notre Dame, Indiana.

**Information:** Conference Web page: <http://www.nd.edu/~mtns/>.  
**Symposium Chair:** J. Rosenthal.

\*20-28 **ICM-2002**, Beijing, China. (Oct. 2000, p. 1146)

**Description:** The Organizing Committee is pleased to announce that the next International Congress of Mathematicians will take place in Beijing, People's Republic of China, from Tuesday, August 20, through Wednesday, August 28, 2002. It will be held under the auspices of the International Mathematical Union (IMU) and sponsored by many other institutions.

**Mathematical Program:** Responsibility for the scientific program lies with the program committee appointed by IMU. There will be one-hour plenary lectures covering recent developments in the major areas of mathematics and forty-five-minute invited lectures in nineteen sections. Every registered participant (traditionally called ordinary member) of the congress will have the opportunity to give a short presentation, either during a poster session or in the form of a fifteen-minute lecture. A formal call for such presentations will be issued in the second announcement. Informal mathematical seminars may be organized at the initiative of groups of participants. English, French, German, and Russian are the official languages of the congress. All plenary and invited lectures will be published in the proceedings of ICM-2002; after the congress, a complimentary copy of these proceedings will be sent to each ordinary member. Abstracts of all lectures and of all short presentations will be distributed free of charge to ordinary members at congress check-in.

**Awards:** The Fields Medals and the Nevanlinna Prize will be awarded during the opening ceremony on the first day of the congress.

**Information:** Up-to-date information about all aspects of ICM-2002 is available on the following Web site: <http://www.icm2002.org.cn/>. This includes information about registration, abstract submission, etc. Correspondence should be directed to: [icm2002@beijing.icm2002.ac.cn](mailto:icm2002@beijing.icm2002.ac.cn). Registration forms and accommodation requests will be made available on the ICM-2002 server in January 2002.