# Mathematics Calendar

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

## June 2001

**2–10 Topological Fluid Mechanics**, Cetraro (Cosenza), Italy. (Apr. 2001, p. 434)

**3 The Heritage of I. Schur's 1901 Dissertation**, Gregynog Hall, Newtown, Powys, Wales. (May 2001, p. 528)

**3–8 The 6th International Conference on Mathematical Population Dynamics**, Marrakech, Morocco. (Jan. 2001, p. 52)

**4–8 CBMS Conference on Algebraic Combinatorics**, North Carolina State University, Raleigh, North Carolina. (Apr. 2001, p. 434)

**4–8 Conference on Algebraic Topology**, Gdansk, Poland. (Apr. 2001, p. 434)

**4–8 International Conference of Computational Harmonic Analysis**, City University of Hong Kong. (Dec. 2000, p. 1435)

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

**4–10 Second Goteborg Conference in Harmonic Analysis and Partial Differential Equations**, Chalmers University of Technology/Goteborg University, Goteborg, Sweden. (Jan. 2001, p. 52)

**6–8 Analysis Conference on Nonlinear Phenomena in Science**, Free University, Amsterdam, The Netherlands. (May 2001, p. 528)

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

**7–9 Conference on Hypergraphs (Gyula O.H. Katona is 60)**, Renyi Institute of Mathematics of the Hungarian Academy, Budapest, Hungary. (Apr. 2001, p. 434)

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

**8–10 Nonlinear Dynamics and Chaos: Where Should We Go from Here?**, Burwalls Conference Centre, University of Bristol, UK. (Mar. 2001, p. 335)

**10–13 7th International Meeting on DNA Based Computers**, University of South Florida, Tampa, Florida. (Jan. 2001, p. 53)

**11–15 4th PIMS Graduate Industrial Mathematics Modelling Camp**, PIMS, University of Victoria, British Columbia, Canada. (Apr. 2001, p. 434)

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

**11–15 Wave Phenomena III: Waves in Fluids from the Microscopic to the Planetary Scale**, PIMS-UA, Edmonton, Alberta, Canada. (Apr. 2001, p. 434)

**11–22 ESMTB School**, Sigüenza, Spain. (May 2001, p. 528)

**11–22 Workshop on Fourier Analysis and Convexity**, Università di Milano-Bicocca, Milano, Italy. (Mar. 2001, p. 335)

**12–14 $M^2$SABI'01–The IMACS/IFAC Fourth International Symposium on Mathematical Modelling and Simulation in Agricultural and Bio-Industries**, Haifa, Israel. (Mar. 2001, p. 335)

**14–15 Workshop on Theory and Applications of Satisfiability Testing**, Boston, Massachusetts. (Apr. 2001, p. 435)

**14–16 Lehigh University Geometry/Topology Conference**, Lehigh University, Bethlehem, Pennsylvania. (Apr. 2001, p. 435)

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\* 14–17 **CabriWorld 2001**, UQAM, Montreal, Quebec, Canada.
**Information**: CabriWorld 2001 invites you to its international conference, which will be held June 14–17, 2001, at the UQAM in Montreal (Canada). You can get the registration form on the official conference Web site, `http://www.cabriworld.net/`.

14–21 **Graphs and Patterns in Mathematics and Theoretical Physics, A Conference to Celebrate Dennis Sullivan's 60th Birthday**, SUNY at Stony Brook, New York. (Feb. 2001, p. 250)

14–23 **Third International Conference on Geometry, Integrability and Quantization**, Sts. Constantine and Elena Resort (near Varna), Bulgaria. (Jan. 2001, p. 53)

16–19 **Sixteenth Annual IEEE Symposium on Logic in Computer Science (LICS 2001)**, Boston, Massachusetts. (Dec. 2000, p. 1435)

\* 16–22 **Kinetic Theory**, Anogia, Crete, Greece.
**Organizers**: A. Bobylev (Moscow, Russia/Karlstad, Sweden), L. Arkeryd (Goeteborg, Sweden).
**Main Speakers**: H. Andreasson (Goeteborg, Sweden), K. Aoki (Kyoto, Japan), L. Arkeryd (Goeteborg, Sweden), A. Bobylev (Karlstad, Sweden), P. Degond (Toulouse, France), S. Mischler (Versailles, France), M. Pulvirenti (Rome, Italy), A. Rendall (Potsdam, Germany), G. Toscani (Pavia, Italy), C. Villani (Lyon, France), B. Wennberg (Goeteborg, Sweden).
**Information**: S. Papadopoulou, Dept. of Math., Univ. of Crete; fax: 81-393881; e-mail: `souzana@math.uch.gr`.

\* 17–19 **Frontiers in Mathematical and Computational Biology**, University of Texas at Dallas, Richardson, Texas.
**Sponsors**: University of Texas at Dallas, Program in Mathematics and Molecular Biology (PMMB), Bionumerik Pharmaceuticals.
**Workshop Topics**: Neuroscience, Cardiac Dynamics, Biochemical Reaction Networks and Cell Signaling, Bioinformatics and Functional Genomics, DNA Energetics.
**Invited Speakers**: C. Benham (Mount Sinai School of Medicine), L. Bulla (Univ. of Texas, Dallas), S. Jafri (Univ. of Texas, Dallas), J. Lederer (Univ. of Maryland), Y. Rudy (Case Western Reserve), I. Tobias (Rutgers), D. Tranchina (New York Univ.), E. Young (Johns Hopkins), J. Wagner (Univ. of Connecticut Health Center), T. Warnow (Univ. of Texas, Austin).
**Information**: `http://www.utdallas.edu/~darcy/CONF/2001/compbio.html`.

17–21 **Quantum Theory: Reconsideration of Foundations**, Vaxjo University, Sweden. (May 2001, p. 528)

17–22 **2001 Gordon Conference on Nonlinear Science**, Mt. Holyoke College, South Hadley, Massachusetts. (May 2001, p. 528)

18–22 **Fourth European Conference on Elliptic and Parabolic Problems—Part I**, Rolduc, Netherlands. (Jan. 2001, p. 53)

18–22 **5th PIMS Industrial Problem Solving Workshop**, PIMS-University of Washington, Seattle, Washington. (Apr. 2001, p. 435)

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. (Dec. 2000, p. 1435)

\* 19–22 **Meeting of Researchers in Computer Science, Information Systems, Operations Research and Statistics—ITI 2001**, Pula, Croatia.
**Sponsor**: IMACS.
**Topics**: Computer systems and networks; software engineering and programming languages; information systems and databases; intelligent systems; multimedia and Internet computing; data analysis and statistics; biometrics; modelling, simulation and optimisation; mathematics and computation; design methodologies and applications.
**Information**: Conference Secretariat, SRCE-University Computing Centre, J. Marohnica bb, 1000 Zagreb, Croatia; tel: 385 1 616 55 99;

fax: 385 1 616 55 91; e-mail: `iti@srce.hr`; `http://www.srce.hr.iti/`.

21–22 (NEW DATE) **Integration of Diverse Biological Data**, DIMACS Center, Rutgers University, Piscataway, New Jersey. (Sept. 2000, p. 975)

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)

\* 24–27 **European Workshop on Intelligent Forecasting, Diagnosis and Control— IFDICON 2001**, The Island of Santorini, Greece.
**Sponsor**: IMACS.
**Information**: S. Tzafestas, National Technical University of Athens, Dept. of Electrical and Computer Engineering, Division of Computer Science, GR-157 73 Athens, Greece; tel: 301 772 2489; fax: 301 772 1528; e-mail: `tzafesta@softlab.ece.ntua.gr`.

25–27 **Mathematics of Public Key Cryptography**, KIAS, Seoul, Korea. (Apr. 2001, p. 435)

\* 25–29 **2nd IMACS Conference on Mathematical Modelling and Computational Methods in Mechanics, Physics and Geodynamics–Modelling 2001**, University of West Bohemia, Pilsen, Czech Republic.
**Main Topics**: Mathematical modelling in mechanics, biomechanics, heat transfer; variational inequality problems; computational plasticity problems; optimal design problems; nonlinear spectral problems; computational biomechanics problems; computational fluid dynamics and magnetodynamics; algebra problems.
**Information**: Modelling 2001, S. Mika, Faculty of Applied Sciences, Dept. of Math., Univ. of West Bohemia, P.O. Box 314, 306 14 Pilsen, Czech Republic; tel: 420 19 7491135; fax: 420 19 279989; e-mail: `modelling@kma.zcu.ca`; `http://www.modelling.zcu.cz/`.

25–29 **Cmft2001, Computational Methods and Function Theory**, Aveiro, Portugal. (Jan. 2001, p. 53)

25–29 **International Linear Algebra Conference (9th Conference of the International Linear Algebra Society)**, Technion, Israel Institute of Technology, Haifa, Israel. (Dec. 2000, p. 1436)

25–29 **Workshop on Groups and 3-Manifolds**, Centre de Recherches Mathématiques, Université de Montréal, Montréal, Québec, Canada. (Feb. 2001, p. 250)

25–July 6 **NATO Advanced Study Institute "Symmetric Functions 2001: Surveys of Developments and Perspectives"**, Isaac Newton Institute for Mathematical Sciences, Cambridge, UK. (Jan. 2001, p. 53)

25–July 6 **Workshop "Random Walks and Geometry"**, Erwin Schrödinger Institute, Vienna, Austria. (Jan. 2001, p. 53)

27–29 **MAA Summer Short Course**, Ashland University, Ashland, Ohio. (Feb. 2001, p. 250)

30–August 4 **2001 Summer Program for Women in Mathematics (SPWM 2001)**, George Washington University, Washington, DC. (Apr. 2001, p. 435)

## July 2001

\* 1–4 **12th Annual Symposium on Combinatorial Pattern Matching: CPM2001**, Jerusalem, Israel.
**Note**: The conference will be followed by SPAA 2001, STOC 2001, and ICALP 2001 in Crete.
**Invited Speakers**: A. Fraenkel, Z. Galil, R. Kosaraju, U. Vishkin.
**Information**: Accepted papers and registration information are posted at `http://csweb.haifa.ac.il/cpm/`.

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)

1–7 **International Symposium on Computational and Applied PDEs**, Zhangjiajie, Hunan, China. (Mar. 2001, p. 336)

1–8 **Spatial Stochastic Processes**, Martina Franca (Taranto), Italy. (Apr. 2001, p. 435)

2–6 **Singapore International Symposium on Topology and Geometry (SISTAG)**, Singapore. (Feb. 2001, p. 250)

2–7 **4th Operator Algebras International Conference: Operator Algebras and Mathematical Physics**, Constanta, Romania. (Feb. 2001, p. 251)

2–10 **PIMS Thematic Programme on Nonlinear Partial Differential Equations, Viscosity Methods in Partial Differential Equations**, PIMS-UBC, Vancouver, British Columbia, Canada. (Apr. 2001, p. 435)

*2–13 **A Course in Tame Congruence Theory**, Budapest, Hungary.
**Organizers**: K. Kearnes, E. Kiss, R. McKenzie, Á. Szendrei.
**Program**: During the first week there will be a course in tame congruence theory, and during the second week there will be lectures and discussion about areas of current research.
**Speakers**: J. Berman, P. Idziak, K. Kearnes, E. Kiss, R. McKenzie, P. P. Pálfy, Á. Szendrei, M. Valeriote, R. Willard.
**Information**: `http://www.math.u-szeged.hu/confer/algebra/`.

2–13 **ESSGT 2001 : The 11th European Summer School in Group Theory**, CIRM, Marseille-Luminy, France. (May 2001, p. 529)

3–5 **Mathematics and Design 2001**, Deakin University, Geelong, Australia. (Feb. 2001, p. 251)

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

3–7 **Barcelona 2001 EuroPhD Topology Conference**, Centre de Recerca Matemàtica, Bellaterra, Barcelona, Spain. (Apr. 2001, p. 435)

*4–6 **International Conference on New Technologies in Science Education**, University of Aveiro, Aveiro, Portugal.
**Information**: `http://www.mat.ua.pt/cintec/`.

*6–13 **London Mathematical Society Meeting**, Manchester, UK.
**Workshop**: The LMS meeting will be followed on July 7–13 by a workshop on "Quantization deformations, and new homological and categorical methods in mathematical physics".
**Contact**: M. Prest, `mprest@ma.man.ac.uk`; T. Voronov, `theodore.voronov@umist.ac.uk`.
**Meeting Plenary Speakers**: B. Fedosov: "Deformation quantization: Pro and contra"; A. Vaintrob: "Homological vector fields".
**Expected Workshop Speakers**: M. Crainic, J. Jones, M. Karasev, H. Khudaverdian, Y. Kosmann-Schwarzbach, N.P. Landsman, Liu Zhang-Ju, K. Mackenzie, S. Merkulov, I. Moerdijk, J. Rawnsley, D. Roytenberg, A. Vaintrob, A. Voronov.
**Information**: `http://www.ma.umist.ac.uk/tv/LMS/`.

8–9 **TA and Instructor Development Using Case Studies: A Summer Workshop for Faculty**, Regis College, Weston, Massachusetts. (May 2001, p. 529)

8–13 **Second ICMS Workshop on Algebraic Graph Theory**, International Centre for Mathematical Sciences, Edinburgh, Scotland. (Feb. 2001, p. 251)

8–15 **5th WSES/IEEE World Multiconference on Circuits, Systems, Communications & Computers (CSCC 2001)**, Rethymnon, Crete, Greece. (May 2001, p. 529)

*9–11 **Functional and Spatial Data Analysis**, Leeds, UK.
**Description**: This is the 20th Leeds Annual Statistical Research Workshop. It will focus on the wide applications of functional and spatial modelling, such as environmental and ecological modelling, medical imaging and computer vision, as well as theoretical statistical aspects.

**Invited Speakers**: A. Baddeley (Australia), M. Berman (Australia), F. Bookstein (USA), C. Glasbey (UK), D. Hogg (UK), J. Kent (UK), K. Mardia (UK), B. Silverman (UK), C. Wikle (USA), K. Worsley (Canada). Those wishing to present a contributed paper or poster are requested to submit an abstract (maximum two pages) by e-mail: `workshop@amsta.leeds.ac.uk`.
**Information**: Full details of the workshop are available at the Web site `http://www.amsta.leeds.ac.uk/Statistics/workshop/` or from the conference organizers: LASR Workshop, Dept. of Stat., Univ. of Leeds, Leeds, LS2 9JT, UK.

*9–13 **Conference: Progress in Partial Differential Equations**, International Centre for Mathematical Sciences, Edinburgh, UK.
**Information**: Please see the ICMS Web pages for further details on programme, speakers, registration, etc.: `http://www.ma.hw.ac.uk/icms/current/progpde/`.

*9–13 **EuroWorkshop: Algebraic Graph Theory**, International Centre for Mathematical Sciences, Edinburgh, UK.
**Information**: Please see the ICMS Web pages for information on speakers, scientific programme, and how to register: `http://www.ma.hw.ac.uk/icms/current/graph/`.

9–13 **Galois Modules in Arithmetic Geometry**, University Lille I, Lille, France. (Apr. 2001, p. 435)

9–13 **Workshop on Geometric Group Theory**, Centre de Recherches Mathématiques, Université de Montréal, Montréal, Québec, Canada. (Feb. 2001, p. 251)

9–14 **Designs, Codes, Cryptography and Graph Theory**, PIMS, University of Lethbridge, Alberta, Canada. (Apr. 2001, p. 435)

*9–15 **The Fourth International Conference "Symmetry in Nonlinear Mathematical Physics"**, Institute of Mathematics, Kyiv (Kiev), Ukraine.
**Topics**: Classical, Nonclassical, Conditional and Approximate Symmetry of Equations of Mathematical Physics; Symmetry in Nonlinear Quantum Mechanics, Quantum Fields, Gravity, Fluid Mechanics, Mathematical Biology, Mathematical Economics; Representation Theory; q-Algebras and Quantum Groups; Symbolic Computations in Symmetry Analysis; Dynamical Systems, Solitons and Integrability; Supersymmetry and Parasupersymmetry.
**Information**: A. Nikitin, Inst. of Math., National Acad. of Sci. of Ukraine, 3 Tereshchenkivska Street, Kyiv 4, 01601, Ukraine; e-mail: `appmath@imath.kiev.ua`; fax: +38 044 235 20 10; tel: +38 044 224 63 22, +38 044 250 08 96; `http://www.imath.kiev.ua/~appmath/conf.html`.

9–20 **SMS-NATO ASI: Modern Methods in Scientific Computing and Applications**, Université de Montréal, Montréal, Québec, Canada. (Dec. 2000, p. 1436)

9–22 **NATO Advanced Study Institute: Asymptotic Combinatorics with Applications to Mathematical Physics (European Summer School-2001 in Russia)**, Euler International Mathematical Institute, St. Petersburg, Russia. (Nov. 2000, p. 1297)

9–25 **Summer School of Probability Theory**, Saint-Flour, France. (Apr. 2001, p. 435)

10–15 **Advanced Course on Symplectic Geometry of Integrable Hamiltonian Systems**, Centre de Recerca Matemàtica, Bellaterra, Barcelona, Spain. (Apr. 2001, p. 436)

11–16 **Geometry, Symmetry and Mechanics**, Instituto Superior Técnico, Lisbon, Portugal. (Apr. 2001, p. 436)

11–18 **PIMS Thematic Programme on Nonlinear Partial Differential Equations, Phase Transitions**, PIMS-UBC, Vancouver, British Columbia, Canada. (Apr. 2001, p. 436)

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

13-27 **Summer 2001 Workshop on Graphs and Combinatorial Designs**, University of Hawaii at Manoa, Honolulu, Hawaii. (Mar. 2001, p. 336)

15-27 **Summer School in Low-Dimensional Topology**, Banach Center, Warsaw, Poland. (Apr. 2001, p. 436)

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)

16-20 **Summer School on Nonlinear Partial Differential Equations**, Instituto Superior Técnico, Lisbon, Portugal. (May 2001, p. 529)

16-20 **Workshop on the Mathematical Foundations of Coding Theory and Cryptology**, Institute for Mathematical Sciences, National University of Singapore, Singapore. (Apr. 2001, p. 436)

16-21 **Workshop on the Skorokhod Problem**, Mathematical Conference Center, Bedlewo, Poland. (May 2001, p. 529)

16-27 **PIMS Summer Workshop on Particles, Fields and Strings**, PIMS-SFU, Burnaby, Canada. (Apr. 2001, p. 436)

* 17-21 **3rd Panhellenic Logic Symposium (PLS)**, Anogia Academic Village, Crete, Greece.
**Topics**: Mathematical logic and set theory, logic in computer science, history of logic, methodology and philosophy of science.
**Scientific Chair**: E. Kranakis (`KRANAKIS@SCS.CARLETON.CA`).
**Submission of Papers**: April 6, 2001.
**Information**: `http://www.math.uoa.gr/pls3/`.

17-23 **Advanced Course on Global Riemannian Geometry: Curvature and Topology**, Universitat Jaume I, Castelló de la Plana, Spain. (Apr. 2001, p. 436)

* 18-21 **Sixteenth Summer Conference on Topology and Applications**, The City College of New York, CUNY, New York, New York.
**Program**: This conference continues its focus on topology and its broad applications as indicated by its six main speakers, five special sessions, and two workshops.
**Main Speakers**: K. Hofmann (Tech. Univ. Darmstadt, Germany), L. Junqueira (Univ. of Sao Paulo, Brazil), K. Kunen (Univ. of Wisconsin, Madison), J. Lawson (LSU, Baton Rouge), L. Narici (St. John's Univ., New York), S. Newhouse (Michigan State Univ., East Lansing).
**Special Sessions and Organizers**: Asymmetric Topology and Computer Science: M. Mislove (Tulane Univ., New Orleans), H. Priestley (Univ. of Oxford), M. Smyth (Imperial Coll., Univ. of London), J. Webster (Imperial Coll., Univ. of London); Dynamical Systems: E. Akin (City College-CUNY), A. Crannell (Franklin and Marshall College, Lancaster, PA), T. Pignataro (City College-CUNY); Topological Algebra and Functional Analysis: E. Beckenstein (St. John's Univ., New York), I. Namioka (Univ. of Washington, Seattle), N. Shell (City College-CUNY); Set-Theoretic Topology: I. Farah (CSI and Graduate Center-CUNY), G. Gruenhage (Auburn Univ., Alabama), J. Vaughan (Univ. of North Carolina, Greensboro); Topological Groups and Semigroups: N. Hindman (Howard Univ., Washington, DC), S. Morris (Univ. of South Australia, Adelaide), M. Tkachenko (Univ. Autonoma Metropolitana-Iztapalapa, Mexico DF). Workshops and Leaders: "Aspects of Elementary Submodels in Topology", T. Eisworth (Univ. of Northern Iowa); "Developments in Domain Theory", M. Reed (Univ. of Oxford).
**Information**: More details and guidance (on housing, registration, transportation in New York, tourism, etc.) are available at the site `http://sumtopo.home.att.net/` or through R. Kopperman, either by e-mail at `sumtopo@att.net` or by regular mail at Dept. of Math., City College-CUNY, New York, NY 10031.

18-28 **Advanced Course on Modular Forms and p-Adic Hodge Theory**, Centre de Recerca Matemàtica, Bellaterra, Barcelona, Spain. (Apr. 2001, p. 436)

19-27 **PIMS Thematic Programme on Nonlinear Partial Differential Equations, Concentration Phenomena and Vortex Dynamics**, PIMS-UBC, Vancouver, British Columbia, Canada. (Apr. 2001, p. 436)

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

22-26 **Experimental Chaos Conference 2001**, University of Potsdam, Germany. (May 2001, p. 529)

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

23-August 3 **Combinatorics and Matrix Theory**, University of Wyoming, Laramie, Wyoming. (Jan. 2001, p. 53)

24-31 **Nonlinear Evolution Equations and Dynamical Systems**, Isaac Newton Institute for Mathematical Sciences, Cambridge, UK. (Apr. 2001, p. 437)

25-August 1 **Second Honolulu Conference of Abelian Groups and Modules**, Manoa Campus of the University of Hawaii, Honolulu, Hawaii. (Apr. 2001, p. 437)

27-29 **Conference and Reunion in Honor of Arnold Ross**, The Ohio State University, Columbus, Ohio. (Mar. 2001, p. 336)

27-29 **The Fourth Annual Conference of Bridges: Mathematical Connections in Art, Music, and Science**, Southwestern College, Wichita, Kansas. (Apr. 2001, p. 437)

27-31 **International Conference on Dynamics of Continuous, Discrete and Impulsive Systems**, London, Ontario, Canada. (Apr. 2001, p. 437)

29-August 3 **International Conference on Scientific Computation and Differential Equations**, Coast Plaza Hotel, Vancouver, British Columbia, Canada. (Apr. 2001, p. 437)

30-August 3 **6th International Conference on Difference Equations and Applications**, University of Augsburg, Augsburg, Germany. (May 2001, p. 529)

30-August 7 **PIMS Thematic Programme on Nonlinear Partial Differential Equations, Variational Methods**, PIMS-UBC, Vancouver, British Columbia, Canada. (Apr. 2001, p. 437)

30-August 17 **School on Dynamical Systems**, Trieste, Italy. (Jan. 2001, p. 54)

* 31-August 10 **XIV Coloquio Latinoamericano de Algebra**, La Falda, Sierras de Cordoba, Argentina.
**Program**: The general field of this activity is algebra in a broad sense. There will be invited lectures, short courses and special sessions on Commutative Algebra and Applications, Hopf Algebras and Quantum Groups, Operator Algebras, Algebraic Geometry, Logic, Homological Methods, Representations of Algebras, Representations of Finite Groups, Representations of p-Adic Groups, Lie Theory and Number Theory.
**Organizers**: N. Andruskiewitsch (coordinator, Univ. Cordoba), F. Cukierman (Univ. Buenos Aires), R. Miatello (Univ. Cordoba), M. I. Platzeck (Univ. Bahia Blanca), N. Reshetikhin (Univ. California, Berkeley), J. Tirao (Univ. Cordoba), J. A. Wolf (Univ. California, Berkeley).
**Speakers**: Some confirmed speakers are: I. Assem (Univ. Sherbrooke, Canada), D. Cox (Amherst College, USA), C. de Concini (Univ. Rome, Italy), J. de la Peña (UNAM, Mexico), P. Etingof (MIT, USA), V. Ginzburg (Univ. Chicago, USA), F. Grunewald (Univ. Dusseldorf, Germany), V. Kac (MIT, USA), M. Kontsevich (IHES, Paris, France), B. Kostant (MIT, USA), Ph. Kutzko (Univ. Iowa, USA), J. Landsberg (Georgia Tech., USA), S. Montgomery (USC, Los Angeles, USA), D. Mundici (Univ. Milan, Italy), A. Ocneanu (Penn State Univ., USA), D. Radford (UIC, USA), N. Reshetikhin (Univ. California, Berkeley, USA), F. Shahidi (Purdue Univ., USA), B. Sturmfels (Univ. California, Berkeley, USA), D. Sullivan (CUNY, SUNY, USA), O. Villamayor (UAM, Spain), N. Wallach (UCSD, USA), J. A. Wolf (Univ. California, Berkeley, USA).
**Information**: The application form and other relevant information is available at the Web site `http://www.mate.uncor.edu/vaq2001/`.

## August 2001

* 2–11 **Foliations and Geometry 2001**, Pontifical Catholic University (PUC-Rio), Rio de Janeiro, Brazil.

**Topics**: Foliations in 3-manifolds and related structures (laminations, contact structures, asymptotic linking number, Anosov flows); geometry of foliations, including applications of foliations in differential geometry; foliations and dynamical systems; holomorphic foliations; the classifying space $B\Gamma_q$; and related areas.

**Planned Minicourses**: 1. Asymptotic inking pairing, foliations, and contact structures–Y. Mitsumatsu; 2. Geometry of foliations in 3-manifolds–S. Fenley; 3. Holomorphic foliations (an introduction for foliators)–C. Camacho (speaker to be confirmed); 4. The classifying space for foliations $B\Gamma_q$–T. Tsuboi (speaker to be confirmed); 5. The Kronheimer-Mrowka Theorem–D. Gabai (minicourse and speaker to be confirmed).

**Partial List of Expected Speakers**: J. L. Arraut, F. Brito, M. Brittenham, H. Colman, L. Conlon, C. Gutierrez, J. Heitsch, K. Honda, S. Hurder, T. Inaba, W. Kazez, A. Lins Neto, S. Matsumoto, W. Meeks, G. Meigniez, H. Nakayama, U. Oertel, J. Rebelo, R. Roberts, R. Ruggiero, R. Sa Earp, E. Salem, J. Seade, E. Toubiana, P. Walczak.

**Information**: Web site for up-to-date information: `http://www.mat.puc-rio.br/foliations2001/`. This site also contains information on travel, housing, climate, registration, social activities, etc. e-mail address: `foliations2001@mat.puc-rio.br`.

5–18 **BALTICON 2001, Banach Algebra Theory in Context**, Krogerup Hojskole, Denmark. (Dec. 2000, p. 1436)

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

6–11 **2001 ASL European Summer Meeting (Logic Colloquium '01)**, Vienna, Austria. (Feb. 2001, p. 251)

6–24 **Mathematical Geophysics Summer School**, Stanford University, Stanford, California. (May 2001, p. 529)

7–9 **First Announcement—Nordic Conference on Topology and Applications**, Sophus Lie Conference Centre, Nordfjordeid, Norway. (May 2001, p. 530)

7–10 **The 4th Conference on Information Fusion**, Montréal, Québec, Canada. (Feb. 2001, p. 251)

8–12 **The 9th International Conference on Finite or Infinite Dimensional Complex Analysis and Applications**, Hanoi University of Technology, Hanoi, Vietnam. (Jan. 2001, p. 54)

8–17 **PIMS Thematic Programme on Nonlinear Partial Differential Equations, Geometric PDEs**, PIMS-UBC, Vancouver, British Columbia, Canada. (Apr. 2001, p. 437)

* 10–12 **Soliton Equations: Applications and Theory**, University of Colorado at Colorado Springs, Colorado Springs, Colorado.

**Program**: An interdisciplinary conference is planned, with speakers addressing successful applications of soliton equations to physical problems, computational studies which can illuminate new applications, and new theoretical results. Some of the applications we have in mind include the use of the nonlinear Schrödinger equation and its variants for modeling a design of fiber optic communication systems, as well as the appearance of solitons in other optical problems, magnetic thin films, and Bose-Einstein condensates. Possible theoretical topics include extensions of inverse scattering and inverse spectral theory to Schrödinger or Dirac-type operators with matrix coefficients, new methods for analyzing Riemann-Hilbert problems, connections of soliton equations with geometry, and new insights into meromorphic or real analytic solutions of soliton equations.

**Support**: We anticipate being able to offer financial support for some conference participants, particularly students and recent graduates.

**Information**: e-mail: `carlson@math.uccs.edu`.

10–14 **Svalbard Geometric Topology Conference**, Radisson SAS Polar Hotel Spitsbergen, Longyearbyen, Norway. (May 2001, p. 530)

13–15 (NEW DATE) **13th Canadian Conference on Computational Geometry**, University of Waterloo, Ontario, Canada. (Apr. 2001, p. 438)

13–16 **Fourth SIAM Conference on Linear Algebra in Signals, Systems and Control (LASSC01)**, Boston Park Plaza Hotel, Boston, Massachusetts. (Sept. 2000, p. 979)

* 13–24 **Euro Summer School–What Is Integrability?**, Isaac Newton Institute for Mathematical Sciences, Cambridge, UK.

**Aim**: The school is intended for young researchers (both postgraduates and postdocs) working in the field of integrable systems and related areas. World experts will provide a thorough introduction to the different definitions of integrability through lectures supplemented with discussions, tutorials, and example classes. The aim is to emphasize the links between the various approaches and points of view, resulting in a synthesis of the many answers to the question "What is integrability?"

**Topics**: Symmetries and conservation laws, Painlevé approach, integrable quantum systems, Hirota's method, geometric integrability, approximate integrability and normal forms, testing for integrability.

**Lecturers**: M. Ablowitz, P. Clarkson, A. Degasperis, J. Hietarinta, H. Flaschka, Y. Kodama, A. Mikhailov, S. Novikov, P. Olver, T. Miwa, A. Shabat, V. Sokolov, J. Sanders, P. Winternitz, V. Zakharov.

**Support**: The Euro Summer School is supported by the European Community, and funding is available to support a limited number of young (under 35 years of age) researchers and overseas senior researchers who are nationals of EC Member States or of the Associated States (Iceland, Liechtenstein, Norway, Bulgaria, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Romania, Slovakia, Slovenia, Israel, Switzerland). Self-supporting participants of any age and nationality are welcome to apply.

**Information**: Visit the Web site `http://www.newton.cam.ac.uk/programs/ITS/itsw02.html`.

15–20 **Fourth International Symposium on Classical and Celestial Mechanics**, Velikie Luki, Russia. (Apr. 2001, p. 438)

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)

18–23 **Algebra and Discrete Mathematics**, Hattingen (near Essen), Germany. (May 2001, p. 530)

* 18–24 **Convex Geometric Analysis**, Anogia, Crete, Greece.

**Organizers**: A. Giannopoulos (Crete, Greece), V. Milman (Tel Aviv, Israel), R. Schneider (Freiburg, Germany), S. Szarek (Case Western Reserve Univ. USA/Paris VI, France). Coorganized by the Univ. of the Aegean (Dept. of Math.).

**Main Speakers**: K. Ball (University College London, UK), I. Barany (Hungarian Academy of Sciences), P. Gruber (Wien, Austria), A. Koldobsky (Univ. of Missouri, Columbia), A. Pajor (Univ. de Marne La Vallee, France), G. Schechtman (Weizmann Inst., Israel), S. Szarek (Case Western Reserve Univ.).

**Information**: `http://www.convex.gr/conf2001/`.

19–25 **9th Prague Topological Symposium (General Topology and Its Relations to Modern Algebra and Analysis)**, Prague, Czech Republic. (Mar. 2001, p. 336)

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

* 20–23 **Numerical Linear Algebra, Scientific Computing and Optimization**, Curitiba, Brazil.

**Sponsor**: IMACS.

**Information**: J. Y. Yuan, Dept. de Matematica–UFPR, Centro Politecnico, CP: 19.081, 81531-990, Curitiba, PR, Brazil; e-mail: `jin@gauss.mat.ufpr.br`.

20–24 **Ellipticity and Parabolicity in Analysis and Geometry (EPAG 2001)**, University of Potsdam, Potsdam, Germany. (Mar.

2001, p. 337)

20-25 **2001 Canada-China Math Congress**, Vancouver, British Columbia, Canada. (Apr. 2001, p. 438)

*20-25 **3rd International ISAAC Congress**, Freie Universitaet Berlin, Berlin, Germany.
**Information**: The International Society for Analysis, Applications and Computation (ISAAC) is organizing international congresses biannually. Information about deadlines, sessions, organizers, plenary speakers, registration, and accommodations can be found in the second announcement at `http://www.math.fu-berlin.de/~isaac/`. For information about ISAAC visit `http://www.math.udel.edu/isaac/` and `http://www.math.fu-berlin.de/rd/ag/isaac/`.

20-25 **International Conference on Theoretical and Numerical Fluid Mechanics II**, PIMS, Vancouver, British Columbia, Canada. (Apr. 2001, p. 438)

*21-23 **Ukrainian Congress of Mathematics 2001**, Institute of Mathematics of the Ukrainian National Academy of Sciences, Kyiv Shevchenko National University, Drahomanov National Pedagogic University, Kyiv, Ukraine.
**Description**: The congress is devoted to the 200th anniversary of the birth of M. V. Ostrohradsky, the prominent Ukrainian mathematician. Sections: Algebra and Theory of Numbers, Dynamical Systems, Differential Equations and Nonlinear Oscillations, Complex Analysis and Potential Theory, Mathematical Physics, Teaching Methods and History of Mathematics, Nonlinear Analysis, Computational Mathematics and Mathematical Problems of Mechanics, Probability Theory and Mathematical Statistics, Theory of Approximations and Harmonic Analysis, Theory of Operators and Differential Operator Equations, Topology and Geometry, Mathematical Theory of Control.
**Information**: A. M. Samoilenko, Chairman of UCM2001, Institute of Mathematics, Ukrainian National Academy of Sciences, 3 Tereshchenkivs′ka Str. 01601 Kyiv, Ukraine; e-mail: `congress@imath.kiev.ua`; fax: 380 44 235 20 10; `http://www.imath.kiev.ua/~congress/`.

22-26 **International Conference on Functional Analysis**, Kyiv, Ukraine. (Jan. 2001, p. 54)

*23-28 **Instructional and Research Workshop on Multiplicative Processes and Fluid Flows**, Department of Mathematical Sciences, University of Aarhus, Denmark.
**Organizer**: O. E. Barndorff-Nielsen, `oebn@imf.au.dk`.
**Focus**: The focus of the workshop is the widespread role of multiplicative structure in various models of flows found in geophysical sciences ranging from turbulent fluids, rainfall, and river networks to internet data flows and cash flows found in financial mathematics. Tutorial lectures by E. Waymire. The lectures will include illustrations of modelling hypothesis based on descriptive empirical data and phenomenological scaling arguments leading to rigorous statistical tests and precise mathematical derivations of stochastic multiplicative structure intrinsic to the physical equations of flow. Emphasis will be given to both model formulation as well as to some general mathematical methods and results for the analysis of such multiplicative structures. Background in basic probability and stochastic processes will be assumed, which includes martingales and Markov processes such as Poisson processes, random walk, diffusions, and Galton-Watson branching processes.
**Preliminary List of Invited Speakers**: N. Bhattacharya, Indiana Univ.: Multiscale diffusion equations; Martin Greiner, Max-Planck-Institut füer Physik Komplexer Systeme: From synthetic towards real fully developed turbulence; Vijay Gupta, Univ. of Colorado: Multiscale hydrologic analyses on self-similar river networks; Valerie Isham, Univ. College London: Models and analysis of spatio-temporal processes in hydrology and climate studies; Mina Ossiander, Oregon State Univ.: Multiplicative random cascades: Recent statistical developments; Enrique Thomann, Oregon State Univ.: Partial differential equations and multiplicative processes; Brent Troutman, U.S.

Geological Survey: River flow mass exponents with fractal channel networks and rainfall.
**Information**: `http://www.maphysto.dk/events/MultProc2001/`.

24-29 **5th International Conference on Geometry and Applications**, Varna, Bulgaria. (Dec. 2000, p. 1436)

*25 **3rd Workshop on Geometric and Topological Methods in Concurrency Theory (GETCO 2001)—A Satellite Workshop to CONCUR 2001**, Aalborg University, Aalborg, Denmark.
**Topics**: Semantics, concurrency theory, model-checking, abstract interpretation, fault-tolerant protocols for distributed systems, geometrical/topological models, applications of algebraic topology, category theory, etc.
**Deadline for submission of papers**: May 20, 2001.
**Publication**: Papers will be refereed using usual standards and will be published in a special volume of *Electronic Notes in Theoretical Computer Science*.
**Program Committee**: P. Cousot and E. Goubault, Paris; L. Fajstrup and M. Raussen, Aalborg; J. Gunawardena, Bristol; V. Sassone, Catania.
**Local Organization**: L. Fajstrup, E. Goubault, M. Raussen.
**Information**: `http://www.math.auc.dk/~raussen/GETCO/getco.html` and `http://concur01.cs.auc.dk/`.

26-29 **Aspects of Symmetry on the Occasion of the 60th Birthday of Robert Moody**, PIMS, Banff, Alberta, Canada. (Apr. 2001, p. 438)

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)

*27-September 3 **International Conference on Complex Systems: Control and Modeling Problems**, Cruise on Volga River, Russia.
**Sponsor**: IMACS.
**Information**: V. A. Vittikh, Russian Academy of Sciences, Institute for the Control of Complex Systems, 61, Sadovaya str., Samara 443020, Russia; tel: 846 2 32 39 27; fax: 846 2 33 27 70; e-mail: `vittikh@iccs.samara.ru`.

*27-September 7 **Summer School and Workshop: Dimac Operators: Yesterday and Today**, Center for Advanced Mathematical Sciences, Beirut, Lebanon.
**Topics**: Basic Relevant Algebra: Clifford Algebras, Spinors; A Visit to Representation Theory: A Brief Survey; A Biased Introduction to Spin Geometry: Dirac Operators, Spectrum, Special Geometries; The Topological Connection: The Atiyah-Singer Index Theorem, Basics of K-Theory, Chern Character; The Physics Side: Dirac's Equation for the Relativistic Electron, Modern Use, Lagrangian, Supersymmetric Theories.
**Organizing Committee**: J.-P. Bourguignon (École Polytechnique/IHES, France), T. Branson (Univ. of Iowa), A. Chamseddine (CAMS, AUB, Lebanon), O. Hijazi (IECN, Nancy 1, France), R. J. Stanton (Ohio State Univ., Columbus).
**Main Lecturers**: C. Baer (Univ. Hamburg, Germany), J.-P. Bourguignon (IHES, Bures-sur-Yvette, France), R. Bryant (Duke Univ., Durham, NC), A. Chamseddine (CAMS, Beirut, Lebanon), O. Hijazi (IECN, Nancy 1, France), H. B. Lawson (SUNY, Stony Brook), R. J. Stanton (Ohio State Univ., Columbus).
**Information**: `http://www.aub.edu.lb/cams/Conferences.html`.

## September 2001

*1-6 **WSES, IEEE Conference: Speech, Signal and Image Processing 2001 (SSIP 2001)**, Malta.
**Information**: `http://www.worldses.org/wses/conferences/malta/`.

1-6 **2001 WSES International Conference on Simulation (SIM'01)**, Malta. (Feb. 2001, p. 251)

**1–6 Number Theory and Arithmetical Geometry—Arithmetic Aspects of Fundamental Groups**, Acquafredda di Maratea (near Naples), Italy. (May 2001, p. 530)

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

**2–8 Optimal Transportation and Applications**, Martina Franca (Taranto), Italy. (Apr. 2001, p. 438)

\* **3–7 Workshop on Foundational Theories in Mathematics**, Department of Mathematics, University of Trento, Italy.
**Organizers**: S. Baratella (Trento), G. Sommaruga (Freiburg).
**Topic**: The aim of the workshop is to present three different theories for the foundations of mathematics and to discuss their specific strengths, their mutual relationships, the extent to which they are comparable, and the open problems to be tackled in order to gain an even deeper understanding of the philosophical and technical interrelations between the various theories as potential foundations of mathematics.
**Program and Speakers**: There will be four series of lectures on: Set Theory, J. L. Bell (Univ. of Western Ontario); Topos Theory, I. Moerdijk (Univ. of Utrecht); Constructive Type Theory, G. Sambin (Univ. of Padua); and Synthesis, J. L. Bell. The intended audience for this workshop is mathematicians, philosophers and computer scientists with a solid background in logic, but who will not be expected to have a background in all three foundational theories mentioned above.
**Deadline**: July 31, 2001. No registration fee.
**Information**: `http://www.science.unitn.it/~baratell/ftm.html`.

**3–8 The Sixth International Conference on Function Spaces**, Institute of Mathematics, Wroclaw University of Technology, Wroclaw, Poland. (Mar. 2001, p. 337)

\* **3–14 EuroWorkshop: Discrete Systems and Integrability**, Isaac Newton Institute for Mathematical Sciences, Cambridge, UK.
**Organizers**: F. W. Nijhoff, J. Hietarinta, P. M. Santini.
**Topics**: Partial difference equations, ordinary difference equations, integrable dynamical mappings, discrete Painlevé equations, quantum systems on the lattice, cellular automata, special functions and orthogonal polynomials, and applications. The purpose of the workshop is to provide a platform for presenting state-of-the-art results as well as to critically discuss open problems in the subject area.
**Expected Speakers**: V. Adler (Inst. of Math., Ufa), P. Clarkson (Univ. of Kent, Canterbury), R. Conte (Saclay), A. Doliwa (Warsaw Univ.), P. Hydon (Univ. of Surrey), N. Joshi (Univ. of Adelaide), K. Kajiwara (Doshisha Univ.), M. Kruskal (Rutgers Univ.), M. Noumi (Kobe Univ.), A. Ramani (École Polytech., France), S. Ruijsenaars (Amsterdam), J. Sanders (Free Univ., Amsterdam), J. Satsuma (Univ. of Tokyo), A. Shabat (Landau Inst.), V. Sokolov (Landau Inst.), C. Viallet (Univ. Paris VI).
**Support**: The EuroWorkshop is supported by the European Community, and funding is available to support a limited number of young (under 35 years of age) researchers and overseas senior researchers who are nationals of EC Member States or of the Associated States (Iceland, Liechtenstein, Norway, Bulgaria, Cyprus, Czech Republic, Estonia, Hungary, Latvia, Lithuania, Poland, Romania, Slovakia, Slovenia, Israel, Switzerland). Self-supporting participants of any age and nationality are welcome to apply.
**Information**: Visit the Web site `http://www.newton.cam.ac.uk/programs/ITS/itsw03.html`. Alternatively, information can be obtained from F. W. Nijhoff (`frank@amsta.leeds.ac.uk`).

**3–21 School on Control Theory**, Trieste, Italy. (Jan. 2001, p. 54)

**3–21 Higher-Dimensional Varieties and Rational Points**, Hungarian Academy of Sciences, Budapest, Hungary. (Mar. 2001, p. 337)

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

**9–13 4th Dublin Differential Equations Conference**, Dublin City University, Dublin, Ireland. (Mar. 2001, p. 337)

**9–15 Multiscale Problems and Methods in Numerical Simulation**, Martina Franca (Taranto), Italy. (Apr. 2001, p. 438)

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

**10–14 Workshop on Coding and Cryptography**, Institute for Mathematical Sciences, National University of Singapore, Singapore. (May 2001, p. 530)

**12–15 EuroConference on Combinatorics, Graph Theory and Applications**, Centre de Recerca Matemàtica, Bellaterra, Barcelona, Spain. (Apr. 2001, p. 438)

**12–15 International Conference on Nonlinear Operators, Differential Equations, and Applications (ICNODEA-2001)**, Babes-Bolyai University of Cluj-Napoca, Faculty of Mathematics and Informatics, Cluj-Napoca, Romania. (Apr. 2001, p. 438)

\* **14–18 Function Spaces, Proximities and Quasi-Uniformities**, Caserta, Italy.
**Program**: The conference will consist of 50-min. plenary lectures by invited speakers and 25-min. contributed talks. It will open with a special invited lecture by Prof. Som Naimpally on the occasion of his 70th birthday.
**Invited Speakers**: A. Arhangel′skii (New Mexico, USA - Univ. Moscow, Russia); U. B. Darji (Univ. Louisville, USA); P. de Lucia (Federico II, Naples); S. Dolecki (Univ. di Digione, France); J. Hocking (Michigan State Univ., USA); L. Hola (Accademia delle Scienze della Repubblica Slovacca, Rep. Slovakia); H.-P. Kunzi (Univ. Cape Town, So. Africa); R. Lowen (Univ. di Antwerp, Belgium); J. Pelant (Acad. delle Scienze, Prague, Czech Rep.); S. Watson (York Univ., Toronto, Canada).
**Call for Papers**: Participants are invited to present a 25-min. talk. They are invited to submit an abstract to `topological.sun@unina2.it` no later than June 30, 2001.
**Deadlines**: Registration and payment of conference fees: May 31, 2001. Reservation of hotel accommodations: May 31, 2001. Abstract submission: June 30, 2001. Registration, accommodations, forms and the submission of abstracts must be mailed to `topological.sun@unina2.it`.
**Information**: G. Di Maio–Topological SUN, Seconda Università degli Studi di Napoli–S.U.N., Facoltà di Scienze MM.FF.NN., Dipartimento di Matematica, Via Antonio Vivaldi, 43, 81100 Caserta, Italia; tel: +39+(0)823/274426; fax: +39+(0)823/274753; `http://www.unina2.it/topological.sun/homesun.html`.

\* **17–21 Euroconference on Asymptotic Methods and Applications in Kinetic and Quantum-Kinetic Theory**, Granada, Spain.
**Sponsors**: European Commission, Spanish Government, Junta de Andalucia, Universidad Carlos III de Madrid, Universidad Autonoma de Madrid, Universidad de Granada.
**Program**: The program of the conference will offer invited talks, contributed talks, and a poster session. Talks and posters will be selected by the scientific committee from submitted abstracts. Submission: `kinetic@ugr.es`. Deadline for submission: May 31, 2001; Notification of acceptance: June 20, 2001.
**Invited Speakers (to date)**: H. Andreasson, A. Bobylev, O. Bokanowski, L. Boudin, J. Brey, E. Caglioti, A. Carpio, M. Carvalho, F. Castella, I. Catto, C. Cercignani, L. Desvillettes, J. Dolbeault, M. Fischetti, I. Gamba, V. Garzo, P. Gerard, R. Glassey, F. Golse, T. Goudon, K. P. Hadeler, R. Illner, P.E. Jabin, A.P. Jauho, A. Juengel, A. Klar, H. Lange, C. LeBris, A. Linan, S. Mischler, E. Oran, G. Papanicolau, L. Pareschi, P. Pietra, F. Poupaud, M. Pulvirenti, V. Ricci, C. Ringhofer, C. Rosier, G. Russo, L. Saint-Raymond, P. Souganidis, W. Strauss, L. Vega, J. L. L. Velazquez, C. Villani, B. Wennberg, G. Wolansky, W. Zimmermann.
**Information**: J. Soler, Universidad de Granada (`jsoler@uqr.es`, `kinetic@ugr.es`).

**17–26 Functional Analysis VII**, Inter-University Center, Dubrovnik, Croatia. (Apr. 2001, p. 438)

**18–22 Euro Summer School on Proper Group Actions**, Centre de Recerca Matemàtica, Bellaterra, Barcelona, Spain. (Apr. 2001, p. 438)

18–22 **The Fifth International Workshop on Differential Geometry and Its Applications**, Timisoara, Romania. (Feb. 2001, p. 251)

* 20–22 **5th Hellenic European Research on Computer Mathematics and Its Applications—Hercma 2001**, Athens, Greece.
**Sponsor**: IMACS.
**Framework-Objectives**: The main theme within the conference will be computer mathematics and its applications, and special emphasis will be given to computational mathematics, high-performance computing, operational research and statistics, mathematics in economics and industry.
**Information**: E. A. Lipitakis, Chairman of the HERCMA Conference, Athens University of Economics and Business, 74, Patission Street, Athens 104-34, Greece; tel: 301 8237 361; fax: 301 8226 204; e-mail: `eal@aueb.gr`; `http://www.aueb.gr/conferences/hercma2001/`.

* 20–22 **Interphase 2001 Conference on Numerical Methods for Free Boundary Problems**, University of Maryland, College Park, Maryland.
**Organizers**: R. H. Nochetto, D. Levermore, J-G. Liu, R. Pego.
**Description**: This ninth conference of the series will be held in College Park with the intention of encouraging more participation of U.S. researchers and stimulating the exchange of ideas between American and European peers. The conference will focus on scientific computing, numerical analysis, modeling and application issues of problems involving interfaces. Topics of interest include, but are not limited to, thin films, epitaxial growth of crystals, surface tension effects and surface diffusion, morphological changes of stressed solids, microstructure evolution, solidification, image processing, free surface hydrodynamics, novel numerical methods, fast algorithms, and numerical analysis.
**Invited Speakers**: A. Bertozzi, J. Blowey, F. Bornemann, P. Colli-Franzone, K. Deckelnick, G. Dolzmann, G. Dziuk, W. E. C. Elliott, H. Garcke, K. Gaertner, P. Gremaud, G. Gruen, T. Hou, D. Kinderlehrer, R. Kohn, R. Kornhuber, R. Le Veque, B. Li, J. Lowengrub, M. Luskin, J. McFadden, S. Osher, C. Peskin, A. Quarteroni, A. Schmidt, J. Sethian, M. Shelley, K. Siebert, P. Smereka, W. Szymczak, A. Veeser, C. Verdi, P. Voorhees, N. Walkington, J. Weeks.
**Scientific Committee**: E. Baensch (Berlin, Germany), G. Dziuk (Freiburg, Germany), C.M. Elliott (Brighton, England), R.H. Nochetto (College Park, USA), J. Sprekels (Berlin, Germany), C. Verdi (Milano, Italy).
**Information**: `http://www.math.umd.edu/research/interphase/`

* 21–24 **PhD EuroConference Foundations of the Formal Sciences III (FotFS III): Complexity in Mathematics and Computer Science**, Universität Wien, Wien, Austria.
**Organizing & Scientific Committee**: B. Löwe (Bonn, coordinator), B. Piwinger (Wien, local organizer), T. Räsch (Potsdam).
**Speakers**: P. Berenbrink (Warwick), J. Brendle (Kobe), R. Camerlo (Wien), L. Engebretsen (Cambridge, MA), M. Grohe (Edinburgh), J. D. Hamkins (New York, NY), E. M. Camara (Zaragoza), S. Mikulas (London), R.-D. Schindler (Wien), H. Veith (Wien), J. Zapletal (Gainesville, FL).
**Information**: e-mail: `fotfs@math.uni-bonn.de`; `http://www.math.uni-bonn.de/people/fotfs/III/`.

* 22–23 **International Conference on Optimization Techniques & Itò's Applications in Engineering and Technology**, Agra, India.
**Theme**: An international conference will be held to celebrate the 149th birthday of Raja Balwant Singhji. Papers on optimization techniques and its applications in modern industry, engineering, and technology with adequate mathematical input/applications are invited. Conference topics include: applied mathematics, electronics & communications, information technology, computer applications, artificial intelligence, chemical engineering, statistical signal processing, resource planning, variational & equilibrium problems, economic & financial decision making.
**Information**: Information about the conference can be obtained from: S. K. Mishra (Org. Secretary), Dept. of Mathematics, Faculty of Eng. & Tech., R.B.S. College, Bichpuri, Agra (283105), India; tel: +91

(0562) 776675; fax: +91 (0562) 520075; e-mail: `shashikMishra@usa.net`.

22–26 **Application of Discrete Mathematics**, Australian National University, Canberra, Australia. (Feb. 2001, p. 251)

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

24–28 **Fourth European Conference on Elliptic and Parabolic Problems—Part II**, Gaeta, Italy. (Jan. 2001, p. 54)

24–28 **Vertical Integration in Biology: From Molecules to Organisms**, Isaac Newton Institute, Cambridge, UK. (May 2001, p. 530)

24–30 **11th International Symposium on Classical Analysis**, Kazimierz Dolny, Poland. (Dec. 2000, p. 1437)

25–29 **Algebraic Geometry Conference**, University of Genova, Italy. (Apr. 2001, p. 438)

26–28 **ASCM 2001 (The Fifth Asian Symposium on Computer Mathematics)**, Ehime University, Matsuyama, Japan. (Jan. 2001, p. 54)

26–28 **First SIAM Conference on Imaging Science**, Boston Park Plaza Hotel, Boston, Massachusetts. (Feb. 2001, p. 251)

26–28 **Fluid Structure Interaction 2001**, Halkidiki, Greece. (Jan. 2001, p. 54)

* 26–28 **International Conference "Differential Equations and Their Applications"**, Institute of Mathematics, Almaty, Republic of Kazakhstan.
**Organizers**: Institute of Mathematics of Education and Science Ministry of the Republic of Kazakhstan.
**Organizing Committee**: U. M. Sultangazin (Kazakhstan, co-chair), A. M. Samoilenko (Ukraine, co-chair), S. N. Kharin (Kazakhstan-Pakistan, co-chair), N. K. Bliev (Kazakhstan), A. A. Zhensykbaev (Kazakhstan), Ki Sik Ha (Korea), L. D. Kudryavzev (Russia), B. Kendirli (Turkey), M. I. Imanaliev (Kyrgyzstan), M. S. Salakhitdinov (Uzbekistan), R. Kh. Rozov (Russia), V. M. Amerbayev (Russia), I. T. Pak (Kazakhstan), K. K. Kenzhebayev (Kazakhstan), K. A. Kasymov (Kazakhstan), M. O. Otelbayev (Kazakhstan), M. I. Rakhimberdiev (Kazakhstan), D. S. Dzhumabayev (Kazakhstan), M. T. Dzhenaliev (Kazakhstan), L. A. Alexeyeva (Kazakhstan), G. I. Bizhanova (Kazakhstan), G. K. Zakiryanova (Kazakhstan, scientific secretary).
**Program**: The conference is organized in sessions as Differential Equations and Mathematical Physics.
**Deadlines**: For submission of applications is April 10, 2001; for submission of theses, June 20, 2001.
**Information**: Information on the conference is on the Web site `http://www.math.kz/info/diffeq_conf.html`. Z. G. Kozhahmetovna, Institute of Mathematics of the ME&S of the RK, Pushkin street, 125, Almaty 480100, Kazakhstan; tel: +7(3272) 913764; fax: +7(3272) 913740; e-mail: `zakir@math.kz`.

* 27–30 **WSES Conference AITA 2001: Automation and Information: Theory and Applications**, Skiathos Island, Greece.
**Information**: `http://www.worldses.org/wses/conferences/skiathos/aita/`.

## October 2001

1–5 **Aspects of Hyperbolic Geometry**, University of Fribourg, Fribourg, Switzerland. (May 2001, p. 530)

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

* 1–6 **Workshop: Circuit and Proof Complexity**, International Centre for Mathematical Sciences, Edinburgh, UK.
**Information**: Please see the ICMS Web pages for further details on programme, speakers, registration, etc.: `http://www.ma.hw.ac.uk/icms/current/`.

13-14 **AMS Eastern Sectional Meeting**, Williams College, Williamstown, Massachusetts. (Sept. 1997, p. 1031)
**Information**: W. Drady, `wsd@ams.org`.

18-21 **2001 Ahlfors-Bers Colloquium**, University of Connecticut at Storrs. (Apr. 2001, p. 439)

24-26 **DIMACS Workshop on Analysis of Gene Expression Data**, DIMACS Center, Rutgers University, Piscataway, New Jersey. (Feb. 2001, p. 252)

*25-28 **2001 Annapolis Algebraic Geometry Conference in Memory of Ruth Michler**, U.S. Naval Academy, Annapolis, Maryland.
**Topics**: Singularities, commutative algebra, computational methods and applications.
**Organizers**: C. G. Melles, U.S. Naval Academy, tel: 410-293-6708, fax: 410-293-4883, `cgg@usna.edu`; L. J. McEwan, Ohio State Univ., `mcewan@math.ohio-state.edu`; G. Kennedy, Ohio State Univ., tel: 419-755-4291, `kennedy@math.ohio-state.edu`; K. Lauter, Microsoft Research, tel: 425-703-8335, `klauter@microsoft.com`.
**Confirmed Speakers**: S. Abhyankar (Purdue), E. Bierstone (Univ. Toronto), A. Brudnyi (Univ. Calgary), E. Hironaka (Florida State Univ.), G. Kennedy (Ohio State Univ.), K. Lauter (Microsoft), D. Massey (Northeastern Univ.), A. Nemethi (Ohio State Univ.), H. Schenck (Harvard), M. Seppala (Florida State Univ.), A. Silverberg (MSRI/Ohio State), K. Smith (Univ. Michigan), H. Stark (UC San Diego), H. Srinivasan (Univ. Missouri), A. Szilard (Barnard), M. Vitulli (Univ. Oregon), J. F. Voloch (Univ. Texas, Austin).
**Registration**: $25 for mathematicians with full-time employment; $15 for graduate students and others.
**Information**: `http://mathweb.mathsci.usna.edu/Faculty/Conferences/AlgGeom2001/aagc.html`.

### November 2001

*2-3 **21st Annual Southeastern-Atlantic Regional Conference on Differential Equations**, Wake Forest University, Winston-Salem, North Carolina.
**Description**: The primary purpose of the conference is to promote research and education in the field of differential equations. These meetings bring together established and new researchers and advanced graduate students for an exchange of ideas and discussions on all aspects of differential equations. The conference will consist of a series of four plenary one-hour lectures and sessions for contributed papers.
**Invited Speakers**: A. Castro (Univ. of Texas at San Antonio), S. Lenhart (Univ. of Tennessee), J. Selgrade (N.C. State Univ.), and J. Serrin (Univ. of Minnesota).
**Contributed Talks**: There will be sessions of contributed talks. Deadline for submission of abstracts for contributed talks is October 12, 2001.
**Financial Assistance**: Contingent on NSF funding, some financial assistance may be available to offset travel and housing expenses for graduate students and recent Ph.D. recipients. Requests postmarked by October 1, 2001, are guaranteed consideration. Eligible persons who belong to currently underrepresented groups are especially encouraged to apply to the conference for financial assistance.
**Information**: Updated information can be obtained at the conference Web site: `http://www.math.wfu.edu/SEARCDE_2001/` or by contacting: J. Baxley, SEARCDE Coordinator, Dept. of Math., Wake Forest Univ., Winston-Salem, NC 27109; tel: (336) 758-5336; fax: (336) 758-7190; e-mail: `baxley@mthcsc.wfu.edu`.

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

26-30 **AAECC-14, The 14th International Symposium on Applied Algebra, Algebraic Algorithms, and Error-Correcting Codes**, RMIT University, Melbourne, Australia. (Jan. 2001, p. 55)

### December 2001

1-3 **First International Conference on Neutrosophy, Neutro-** sophic Logic, Set, Probability and Statistics, University of New Mexico, Gallup, New Mexico. (May 2001, p. 531)

*2-8 **Quantum and Classical Integrability and Infinite Dimensional Systems**, International Centre for Mathematical Sciences, Edinburgh, UK.
**Information**: Please see the ICMS Web pages for further details on programme, speakers, registration, etc.: `http://www.ma.hw.ac.uk/icms/current/`.

*3-7 **LPAR'2001: 8th International Conference on Logic for Programming, AI and Reasoning**, Havana, Cuba.
**Information**: `http://www.lsi.upc.es/~roberto/lpar2001.html`.

*3-7 **Workshop on Applied Cryptology**, Institute for Mathematical Sciences, National University of Singapore, Singapore.
**Organizing Committee**: S.-P. Chan (Singapore), R. Deng (Singapore), S. Ling (Singapore), H. Niederreiter (Singapore, chair), E. Okamoto (Japan), I. E. Shparlinski (Australia), N. J. A. Sloane (USA), C. P. Xing (Singapore).
**Description**: The workshop is part of the inaugural program of the Institute for Mathematical Sciences on coding theory and data integrity which will run from July to December 2001. There will be invited talks and shorter contributed talks. Specific topics include (but are not limited to) software implementations, design of cryptochips, key management, quantum cryptography, security issues in applications (e-commerce, banking, mobile communications), and current standards.
**Call for Papers**: Authors of contributed papers should e-mail an abstract of 300–500 words to H. Niederreiter (`nied@math.nus.edu.sg`) by September 21, 2001. Authors of accepted papers will be notified by October 5, 2001.
**Information**: `http://www.ims.nus.edu.sg/programs/coding.html`.

*3-8 **NIPS 2001, Neural Information Processing Systems: Natural and Synthetic**, Vancouver, Canada.
**Information**: Submissions: due June 20, 2001. Contact `nipsinfo@salk.edu`, or see `http://www.cs.cmu.edu/Web/Groups/NIPS/`.

*7-10 **2001 Annual Australasian Research Symposium on Lie Groups, Algebraic Groups, Quantum Groups, and Their Representations (LAQ'2001)**, The University of Auckland, Auckland, New Zealand.
**Organizers**: R. Gover (Auckland), `r.gover@auckland.ac.nz`; and V. Pestov (Wellington), `vova@mcs.vuw.ac.nz`.
**Information**: `http://www.mcs.vuw.ac.nz/~vova/laq.html`.

*10-13 **International Congress on Modelling and Simulation–Modsim 2001**, Australian National University, Canberra, Australia.
**Sponsor**: IMACS.
**Theme**: Integrating Models for Natural Resources Management across Disciplines, Issues and Scales.
**Information**: F. Ghassemi, Centre for Resource and Environmental Studies, The Australian National University, Canberra ACT 0200, Australia; tel: 61 2 6249 0653; fax: 61 2 6249 0757; e-mail: `fredg@cres.anu.edu.au`; `http://cres.anu.edu.au/~tony/modsim2001.htm`.

10-14 **ICMI Study Conference on the Future of the Teaching and Learning of Algebra**, University of Melbourne, Australia. (Jan. 2001, p. 55)

10-14 **Macroscopic Organisation from Microscopic Behaviour in Immunology, Ecology and Epidemiology**, Isaac Newton Institute, Cambridge, UK. (May 2001, p. 531)

10-14 **QMath-8. Mathematical Results in Quantum Mechanics**, Taxco, Mexico. (May 2001, p. 531)

15-19 **The Sixth Asian Technology Conference in Mathematics (ATCM2001) (Applications of Technology in Teaching and Research for the 21st Century)**, RMIT University, Melbourne, Australia. (Apr. 2001, p. 439)

17–19 **Eighth Cryptography and Coding**, Royal Agricultural College, Cirencester, UK. (Sept. 2000, p. 980)

\* 17–21 **2nd WSES Conference: Algorithms Theory, Discrete Mathematics, Systems and Control (ADISC 2001)**, Cairns, Queensland, Australia.
**Information**: `http://www.worldses.org/wses/conferences/cairns/adisc/`.

17–22 **First Announcement and Call for Papers, The Second International Congress of Chinese Mathematicians (ICCM 2001)**, The Grand Hotel, Taipei, Taiwan. (Apr. 2001, p. 439)

19–21 **International Conference on Statistics, Combinatorics and Related Areas and The Eighth International Conference of the Forum for Interdisciplinary Mathematics**, University of Wollongong, Wollongong, NSW, Australia. (Mar. 2001, p. 338)

## January 2002

6–9 **Joint Mathematics Meetings**, San Diego Convention Center, San Diego, California. (Nov. 1998, p. 1378)

\* 9–12 **International Conference on Inverse Problems–Recent Development in Theories and Numeric**, City University of Hong Kong, Hong Kong.
**Objective**: The purpose of this conference is to establish a first and strong collaboration link between the universities of Hong Kong and worldwide leading researchers in inverse problems. The conference will address both theoretical (mathematics), applied (engineering) and development aspects of inverse problems.
**Topics**: Financial Problems, Image Processing Problems, Inverse Problems Related to the Industries, Medical Problems, Nodal Problems, Optimization Problems, Parameter Identification and Control, Sampling Problems, Spectral Problems. The following recent theoretical developments and numerical approaches related to the above topics are emphasized: Well-Posedness, Uniqueness, Stability, Reconstruction Scheme, Numerical Methods.
**Invited Plenary Speakers (keynote talks)**: G. Bao (Michigan Univ.), J. Cheng (Fudan Univ., China), V. Isakov (Wichita State Univ., KS), P. C. Sabatier (Univ. des Sciences et Techniques du Languedoc, France),
**Invited Speakers (introductory talks)**: D. Anikonov (Inst. of Applied Mathematics, Vladivostok, Russia), H. Engl (Johannes Kepler Univ., Linz, Austria), J. Frankel (Tennessee Univ.), D. Fujiwara (Kyoto Univ., Japan), A. Kirsch (Fridericiana Karlsruhe Univ., Germany), J. S. Pang (The Johns Hopkins Univ.), J. K. Seo (Yonsei Univ., Korea), K. Tanuma (Osaka Kyoiku Univ., Japan), D. D. Trong (Ho Chi Ming City Univ., Vietnam), J. Z. Zhang (City Univ. of Hong Kong).
**Call for Papers**: Titles and abstracts of contributed papers must be received by August 31, 2001. The abstracts should be typed in LATEX, not to exceed one A4 page, and sent to the secretary by e-mail. Address: J. Hui, Secretary, Department of Mathematics, City Univ. of Hong Kong, 83 Tat Chee Avenue, Kowloon Tong, Hong Kong; tel: (852) 2788 7140; fax: (852) 2788 8561; e-mail: `maip@cityu.edu.hk`.

\* 14–17 **International Conference on Combinatorial Matrix Theory**, Postech, Pohang, Korea.
**Conference Theme**: Combinatorics, Combinatorial Matrix Theory and related areas of Computational and core Matrix Theory.
**Conference Chairs**: R. A. Brualdi (Univ. of Wisconsin-Madison, `brualdi@math.wisc.edu`), S.-G. Hwang (Kyungpook Univ., Korea, `sghwang@knu.ac.kr`).
**Invited Speakers**: R. Brualdi, A. Kraeuter, B. Shader, J.-y. Shao, S. Kirkland (plenary), J. Shen (plenary), D. Hershkowitz, J. Seberry, C. Onn, K. Okubo, Y. Nam, B. Liu, I. Wanless, M. Fiedler, T.S. Michael, J. Li, P. Tetali, F. Zhang, L. Qiao, W. Haemers, B.-S. Tam, C. Johnson.
**Call for Papers**: The program will consist of an hour or 40-minute-long invited lectures and 25-minute contributed talks. Abstracts, at most one page and typed in English, are invited by June 15, 2001.
**Information**: e-mail: `sglee@math.skku.ac.kr`; fax: 82-31-290-7033; mailing address: Co-organizer, International Conference on Combinatorial Matrix Theory, Department of Mathematics, College of Science, SungKyunKwan University, Suwon 440-746, Korea; `http://matrix.skku.ac.kr/sglee/postech/postech.htm`.

\* 28–February 1 **The International Conference on Factorization, Singular Operators and Related Problems, dedicated to the 70th anniversary of Professor Gueorguii Litvinchuk**, Madeira University, Madeira, Portugal.
**Scientific Program Committee**: A. Antonevich (Belarussia), A. Boettcher (Germany), B. Bojarskii (Poland), R. Duduchava (Georgia), M. Kaashoek (Netherlands), N. Karapetiants (Russia), Yu. Karlovich (Mexico), V. Kokilashvili (Georgia), N. Krupnik (Israel), V. Mazya (Sweden), V. Rabinovich (Mexico), B. Silbermann (Germany), I. Simonenko (Russia), I. Spitkovsky (USA), N. Vasilevskii (Mexico).
**Information/Registration**: `http://www.digiways.com/fsorp/`.

## February 2002

\* 2–3 **9th Southern California Geometric Analysis Seminar**, University of California at Irvine.
**Description**: There will be six top mathematicians in geometric analysis giving talks. Enough time will be allowed for participants to communicate with each other in this two-day seminar.
**List of Speakers**: TBA.
**Information**: `http://www.math.uci.edu/~scgas`. Contact Z. Lu `zlu@math.uci.edu`.

## March 2002

21–22 **8th Rhine Workshop on Computer Algebra**, Mannheim, Germany. (May 2001, p. 531)

\* 26–April 4 **Instructional Conference on Combinatorial Aspects of Mathematical Analysis**, International Centre for Mathematical Sciences, Edinburgh, UK.
**Information**: Please see the ICMS Web pages for further details on programme, speakers, registration, etc.: `http://www.ma.hw.ac.uk/icms/current/`.

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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

\* 10–13 **The Tenth Conference of the International Linear Algebra Society**, Auburn University, Auburn, Alabama.
**Theme**: The theme of the conference is "Challenges in Matrix Theory" and will encompass all branches of linear algebra and matrix theory, i.e., core, applied, and numerical.
**Information**: More details on the conference, such as the list of invited speakers, social events, travel, registration, and hotel information, as well as abstract deadlines, etc., will be made available on the dedicated Web site `http://www.auburn.edu/event/ilas2002/` and on ILASNET.

\* 17–21 **Seventh International Conference on p-Adic Functional Analysis**, University of Nijmegen, The Netherlands.
**Program**: Research talks on analysis over valued fields other than the real or complex numbers (such as the p-adic number field or Krull valued fields). Main mathematics subject classifications: 46S10, 47S10, 32P05, 26E30.
**Scientific Committee**: W. Schikhof (Nijmegen, The Netherlands), A. Escassut (Clermont Ferrand, France), C. Perez-Garcia (Santander, Spain).
**Speakers (preliminary list)**: J. Araujo, J. M. Bayod, M. Berz, A. Boutabaa, B. Diarra, A. Escassut, N. De Grande-De Kimpe, L. Van Hamme, J. Kakol, A. Katsaras, H. Keller, A. Khrennikov, A. Kochubei, A. Lemin, H. Ochsenius, C. Perez-Garcia, Dinamerico Pombo Jr., S. Priess, P. Ribenboim, A. Salinier, W. Schikhof, N. Shell, W. Sliwa, S. Vega.
**Information**: `http://www.sci.kun.nl/math/p-adic2002/` or e-mail: `schikhof@sci.kun.nl`.

## July 2002

*1-6 **2nd International Conference on the Teaching of Mathematics**, Island of Crete, Greece.

**Sponsors**: Capital Univ., ETH-Zurich, Harvey Mudd College, The Ohio State Univ., Univ. of Crete, John Wiley & Sons.

**Organizers**: I. Vakalis, Capital Univ.; D. Hughes Hallett, Univ. of Arizona; C. Kourouniotis, Univ. of Crete, Greece; C. Tzanakis, Univ. of Crete, Greece.

**Scope**: The conference will address new ways of teaching undergraduate mathematics. It will provide a unique and centralized forum and bring together faculty members from countries with varied educational systems who are committed to introducing innovative teaching methods and new pedagogies. The conference will be of great interest to mathematics faculty as well as to anyone involved in the teaching and learning of mathematics.

**Invited Speakers**: (The following are confirmed speakers. List updated as invitations are accepted.) H. Bass, D. Ball (Univ. of Michigan); O.-N. Kwon (Ewha Women's Univ., Korea); A. Schoenfeld (UC, Berkeley); M. de Guzman (Univ. Complutense de Madrid, Spain); J. P. Bourguignon (Institut des Hautes Études Scientifiques, France); D. Smith (Duke Univ.).

**Format of Proposals/Deadlines**: Contributed papers will be 30-minute presentations. Proposals for papers and poster sessions should contain: (a) an identification of the proposal as an oral or poster presentation, (b) title and names of authors (full address and e-mail of the contact author), (c) a one-page abstract. More detailed submission guidelines and procedures will be posted on the Web site during summer 2001. Electronic submissions to: D. Quinney, Dept. of Mathematics, Keele University, UK; e-mail: D.Quinney@Keele.ac.uk.

**Submission of Proposals**: (received by): November 10, 2001; Notification to authors (send by): January 15, 2002; Submission of full paper: February 28, 2002.

**Information**: http://www.math.uoc.gr/~ictm2/.

*14-18 **The Fourth International Conference on Matrix Analytic Methods in Stochastic Models**, University of Adelaide, Adelaide, Australia.

**Scope**: The conference will provide an international forum for the presentation of recent results on matrix-analytic methods in stochastic models. Its scope includes development of the methodology as well as the related algorithmic implementations and applications in communications, production and manufacturing engineering; it also includes computer experiments in the investigation of specific probability models. The program committee would particularly like to encourage submissions that report the application of matrix analytic methods to practical problems which have arisen in industry.

**Submission Procedure**: Prospective authors are invited to submit a full paper. Manuscripts should be original, as they will be peer refereed, with the conference proceedings being published for broad circulation.

**Deadlines**: Full paper submission: September 1, 2001. Notification of acceptance/revision required/rejection: December 21, 2001. Revised version due: March 1, 2002. Final notification for papers with delayed decision: March 15, 2002.

**Student Papers**: The organizers wish to encourage students to attend the conference. To that effect, financial assistance will be made available on a limited basis and a streamlined submission procedure will be implemented. Details will be published on the conference Web page.

**Information**: http://www.trc.adelaide.edu.au/mam4/. Queries should be addressed to MAM4@trc.adelaide.edu.au.

## August 2002

*3-10 **Logic Colloquium 2002 (ASL European Summer Meeting)**, Westfälische Wilhelms-Universität, Münster, Germany.

**Invited One-Hour Talks**: J. Avigad (Pittsburgh, PA), A. Beckmann (Münster), T. Carlson (Columbus, OH), R. Constable (Ithaca, NY), K. Dosen (Toulouse), M. Gitik (Tel Aviv), V. Halbach (Konstanz), B. Khoussainov (Auckland), S. Lempp (Madison, WI), T. Pitassi (Tucson, AZ), R. Schindler (Wien), K. Tent (Würzburg).

**Tutorials**: L. Beklemishev (Moscow/Utrecht), S. Cook (Toronto, ON), O. Lessmann (Chicago, IL), S. Thomas (Piscataway, NJ).

**Special Sessions**: Computability Theory, Non-monotonic Logic, Set Theory.

**Information**: http://www.math.uni-muenster.de/LC2002/.

*5-15 **New Directions in Dynamical Systems 2002 (ICM 2002 Satellite Conference)**, Ryukoku University and Kyoto University, Kyoto, Japan.

**Objective**: The objective of the conference is to stimulate the exchange of new ideas in various fields of dynamical systems. Any field of dynamical systems theory will be treated in NDDS2002, with special emphasis on new directions of research for future development. The topics include: smooth dynamical systems, complex dynamical systems and foliations, ergodic theory, Hamiltonian systems, low-dimensional dynamics, topological methods, rigidity, bifurcation theory.

**Program**: The conference will consist of two parts: The first week is mainly formed by a series of lectures on selected topics. This will be held at Ryukoku University from August 5 to 9. The second week is formed by invited and contributed talks, including short communications, which will be held at Kyoto University from August 11 to 15.

**Invited Speakers**: M. Lyubich (SUNY Stony Brook), L.-S. Young* (Courant Institute), E. R. Pujals (UFRJ), J. Xia (Northwestern Univ.). (* to be confirmed)

**Plenary Lecturers**: V. Baladi (Univ. de Paris-Sud), V. Y. Kaloshin (Princeton Univ.), C. McMullen (Harvard Univ.), J. Palis (IMPA), M. Shub (IBM Watson), M. Viana (IMPA), J.-C. Yoccoz* (College de France), J. Yorke (Univ. of Maryland). (* to be confirmed)

**Information**: http://ndds.math.h.kyoto-u.ac.jp/.

*16-18 **Symposium on Stochastics and Applications (SSA)—An ICM-2002 Satellite Conference**, National University of Singapore, Singapore.

**Topics**: Financial mathematics, Gaussian random fields, Markov chain Monte Carlo, probability approximations, random matrices.

**Organizing Committee**: L. H. Y. Chen, National Univ. of Singapore (chair); Z. Bai, National Univ. of Singapore; K.-P. Choi, National Univ. of Singapore; A. Y. C. Kuk, National Univ. of Singapore; S.-L. Lee, National Univ. of Singapore; W.-L. Loh, National Univ. of Singapore; J.-H. Lou, National Univ. of Singapore; Q.-M. Shao, Univ. of Oregon; Y. Sun, National Univ. of Singapore; Y. K. N. Truong, National Univ. of Singapore and Univ. of North Carolina at Chapel Hill.

**Contacts**: The Organising Committee, SSA 2002, c/o Department of Mathematics, National Univ. of Singapore, 2 Science Drive 2, Singapore 117543, Republic of Singapore.

**Information**: fax: 65-779 5452; e-mail: ssa@math.nus.edu.sg; http://www.math.nus.edu.sg/ssa/.