
Mathematics Calendar

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

August 2005

Mathematical Modeling of Infectious Diseases: Dynamics and Control, Institute for Mathematical Sciences, National University of Singapore, Singapore 118402. (May 2005, p. 568)

Information: KP Chua, Administrative Officer, Institute for Mathematical Sciences, National University of Singapore, 3 Prince George's Park, Singapore 118402; tel: (+65) 6874 1893; Facsimile: (+65) 6873 8292; <http://www.ims.nus.edu.sg>.

1–5 **14th USENIX Security Symposium**, Baltimore, Maryland. (May 2005, p. 568)

Description: The USENIX Security Symposium brings together researchers, practitioners, system administrators, system programmers, and others interested in the latest advances in security of computer systems.

Information: Contact: Conference Department, email: conference@usenix.org; tel: 510-528-8649; <http://www.usenix.org/sec05/>.

1–9 **XVI Coloquio Latinoamericano de Algebra**, Colonia, Uruguay. (Apr. 2005, p. 475)

Description: This biannual event is the premier conference linking algebraists and algebraic geometers from all of Latin America.

Topics: Besides the plenary talks and general courses this meeting will have seven thematic parallel sessions on the following topics: Commutative Algebra and Algebraic Geometry, Non-associative Algebras and Ring theory, Group Theory, Hopf Algebras and Algebraic Combinatorics, Homological Methods and Representation Theory, Number Theory, Operator Algebras. A special session on Applications of Algebra will also be held.

Speakers: A list of a few of the confirmed speakers is the following: Nicolas Andruskiewitsch, Raymundo Bautista, Michel Brion, Ken

Brown, Antonio Campillo, Max Karoubi, Jean-Louis Loday, Susan Montgomery, Adrian Ocneanu, Jose Antonio de la Peña, Vladimir Popov, Hans-Jurgen Schneider, Aron Simis, Frank Sottile, Richard Stanley, Boris Tsygan, Mariusz Wodzicki.

Organizing and Scientific Committee: Walter Ferrer Santos (Co-ord.), Gerardo Gonzalez-Sprinberg, Alfredo Jones, Alvaro Rittatore, Andrea Solotar.

Deadline: May 1st, 2005.

Information: <http://www.cmat.edu.uy/cmat/eventos/16cla/en>; Walter Ferrer: email: wrferrer@cmat.edu.uy

1–December 23 **Pattern Formation in Large Domains**, Isaac Newton Institute for Mathematical Sciences, Cambridge, England. (Aug. 2004, p. 834)

Organizers: J.H.P. Dawes (Cambridge), M. Golubitsky (Houston), P.C. Matthews (Nottingham), A.M. Rucklidge (Leeds).

Information: <http://www.newton.cam.ac.uk/programmes/PFD/>; Isaac Newton Institute for Mathematical Sciences, 20 Clarkson Road, Cambridge, CB3 0EH, U.K.; tel.: +ds44 1223 335999, fax.: +44 1223 330508; email: info@newton.cam.ac.uk.

2–6 **Eighth IMS North American New Researchers Conference**, Minneapolis, Minnesota. (Jan. 2005, p. 81)

Description: These conferences were/are organized by the IMS to promote interaction among new researchers primarily by introducing them to each other's research in an informal setting. As part of the conference, participants will present talks and posters on their research and discuss interests and professional experiences over meals and social activities organized through the meeting as well as by the participants themselves. The relationships established in this informal collegiate setting among junior researchers are ones

This section contains announcements of meetings and conferences of interest to some segment of the mathematical public, including ad hoc, local, or regional meetings, and meetings and symposia devoted to specialized topics, as well as announcements of regularly scheduled meetings of national or international mathematical organizations. A complete list of meetings of the Society can be found on the last page of each issue.

An announcement will be published in the *Notices* if it contains a call for papers and specifies the place, date, subject (when applicable), and the speakers; a second announcement will be published only if there are changes or necessary additional information. Once an announcement has appeared, the event will be briefly noted in every third issue until it has been held and a reference will be given in parentheses to the month, year, and page of the issue in which the complete information appeared. Asterisks (*) mark those announcements containing new or revised information.

In general, announcements of meetings and conferences held in North America carry only the date, title of meeting, place of meeting, names of speakers (or sometimes a general statement on the program), deadlines for abstracts or contributed papers, and source of further information. Meetings held outside the North American area may carry more detailed information. In any case, if there is any application deadline with

respect to participation in the meeting, this fact should be noted. All communications on meetings and conferences in the mathematical sciences should be sent to the Editor of the *Notices* in care of the American Mathematical Society in Providence or electronically to notices@ams.org or mathcal@ams.org.

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

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

The Mathematics Calendar, as well as Meetings and Conferences of the AMS, is now available electronically through the AMS website on the World Wide Web. To access the AMS website, use the URL: <http://www.ams.org/>.

that may last a career (lifetime?!).

Eligibility: The New Researchers Conference is a meeting of recent Ph.D. recipients in Statistics and Probability. A new researcher is defined as anyone who has received a Ph.D. since 2000.

Applications: Those interested in attending the conference will be requested to submit the following information to the Committee: a letter of intent a curriculum vitae an abstract for a talk or poster. Electronic mail is preferred for abstract submission. Deadline for receipt of applications is February 15, 2005. Please apply promptly since the number of participants is limited. Priority will be given to first time participants. Women and minorities are encouraged to apply. Also, contingent on the availability of funds, support to defray travel and housing costs will be offered.

Information: Galin Jones, School of Statistics, University of Minnesota, 313 Ford Hall, 224 Church Street S.E., Minneapolis, MN 55455; email: galin@stat.umn.edu; fax: 612.624.8868; http://pages.pomona.edu/~jsh04747/NRC/NRC.htm.

2-17 International Workshop on Representation Theory in Differential Geometry and Physics, Country Institut de Mathematiques et de Sciences Physiques (IMSP), PortoNovo, Benin Republic, West Africa.

Organisers: K. Brown (University of Glasgow, UK); J. P. Ezin, (IMSP, PortoNovo, Benin Republic); A. O. Kuku (Ohio State University, Columbus, USA).

Major speakers: Will each give six expository lectures: I. Gordon (University of Glasgow, UK); A. Kirillov (University of Pennsylvania, USA); S. Majid (Queen Mary College, Univ. of London, UK); J. Rawnsley, (University of Warwick, Coventry, UK).

Information: Jean-Pierre Ezin, Director, IMSP, BP 613, PortoNovo, Benin Republic; Phone/fax (229) 222455 or Phone: (229) 925959; email: jpezin1@yahoo.fr.

3-5 DIMACS Workshop on Yield Management and Dynamic Pricing, DIMACS Center, CoRE Bldg, Rutgers University, Piscataway, New Jersey. (Dec. 2004, p. 1379)

Organizers: James Dana, Northwestern University, email: j-dana@kellogg.northwestern.edu; Brenda Dietrich, IBM Watson Labs, email: dietric@watson.ibm.com.

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

Information: http://dimacs.rutgers.edu/Workshops/Yield/.

3-5 30th Sapporo Symposium on Partial Differential Equations, Sapporo, Japan. (Apr. 2005, p. 475)

Description: The Sapporo Symposium on Partial Differential Equations (PDE) has been held annually to present the latest developments on PDE with a broad spectrum of interests not limited to the methods of a particular school.

Organizers: T. Ozawa, G. Nakamura, S. Jimbo, Y. Giga, K. Tsutaya, Y. Tonegawa.

Information: email: cri@math.sci.hokudai.ac.jp; http://coe.math.sci.hokudai.ac.jp/sympo/sapporo/program050803_en.html.

3-6 XV Capricornio Mathematical Congress, Universidad de Antofagasta, Antofagasta, Chile. (Jun/Jul. 2005, p. 669)

Topics: Algebra, Physical Mathematical, Control Theory, Partial Differential Equation, Matrix Theory, Numerical Analysis, Differential Geometry, Industrial Statistics, Educational Mathematical and others.

Deadline: May 31, 2005.

Speakers: Justin Peters, Iowa State University; Gustavo Perla Menzala, LNCC, Brazil; Carlos Marijuan, Universidad de Valladolid, Spain; Miriam Pisonero, Universidad de Valladolid, Spain; Juan Carlos Gutierrez, Universidad de Sao Paulo, Brazil; Juan Rivera, Universidad Católica del Norte, Chile; Oscar Rojo, Universidad Católica del Norte, Chile; Carlos Conca, CMM Universidad de Chile; Roberto Cominetti, CMM Universidad de Chile; Rodolfo Rodriguez, Universidad de Concepción, Chile; Claudio Fernández, Pontificia

Universidad Católica de Chile; Héctor Gómez, Universidad de Atacama, Chile; Rolando Rebolledo, Pontificia Universidad Católica de Chile.

Information: http://www.uantof.cl/comca2005.

***4 2005 Duke-Berlin Geometry and Physics Festival**, FU-Berlin, Germany.

Speakers: Anda Degeratu (Duke), Geometry from Physics; Daniel Fox (UC, Irvine), Calibrated Geometries and Integrable Systems; Sven Rinke (Duke), Strings, Branes, Supersymmetry and All That; Iliia Zharkov (Harvard), Integral Kähler Affine Structures.

Information: Visit http://www.cgtp.duke.edu/~rinke/Duke-Berlin/.

4-5 Beyond The Formula IX "Constantly Improving the Teaching of Introductory Statistics", Monroe Community College, Rochester, New York. (Jun/Jul. 2005, p. 669)

Program: Beyond the Formula is a two-day conference intended for all teachers of Introductory Statistics (2-yr & 4-yr college and AP & non-AP HS). It is planned for all, the novice as well as the experienced. This year's focus is on teaching techniques and classroom teaching strategies. There will also be sessions on assessment strategies/techniques, use of technology, service learning and writing across the curriculum, to name a few. Please visit our website for a full listing.

Speakers: These sessions are being led by Jessica Utts, UC Davis; Deb Nolan, UC Berkeley; Dick DeVeaux, Williams College; Mark Earley, Bowling Green State, and many others.

Information: http://www.monroecc.edu/go/beyondtheformula; email: BeyondTheFormula@MonroeCC.edu or phone: 585-292-2930.

5-11 Logic In Hungary, 2005, Budapest, Hungary. (Apr. 2005, p. 475)

Topics: Set Theory, Foundations of Space-Time, Algebraic Logic, but contributions from all other branches of symbolic logic are welcome.

Organizing Committee: A. Hajnal, J. Suranyi (honorary chair), H. Andreka, I. Juhasz, P. Komjath, I. Nemeti (co-chair), G. Sagi (secretary), L. Csirmaz, M. Ferenczi, M. Redei, I. Sain and L. Soukup (members).

Information: Contact: email: lh05@renyi.hu; http://www.renyi.hu/lh05.

7-12 High-dimensional Partial Differential Equations in Science and Engineering, Centre de recherches mathématiques, Université de Montréal Montréal, Québec, Canada. (Apr. 2005, p. 475)

Description: High dimensional spatio-temporal partial differential equations are a major challenge to scientific computing of the future. Up to now deemed prohibitive, they have recently become manageable by combining recent developments in numerical techniques, appropriate computer implementations, and the use of computers with parallel and even massively parallel architectures. This opens new perspectives in many fields of applications. Kinetic plasma physics equations, many body Schrödinger equation, Dirac and Maxwell equations for molecular electronic structure and nuclear dynamic computations, options pricing equations in mathematical finance, and Fokker-Planck and fluid dynamics equations for complex fluids, are examples of equations that can now be handled.

Scientific Program Committee and Organizers: André Bandrauk (CRC, Chimie, Université de Sherbrooke); Michel Delfour (CRM/DMS, Université de Montréal, Canada); Claude Le Bris (CERMICS, École Nationale des Ponts et Chaussées, France).

7-12 International Conference: Mathematics in Finance, Kruger-National Park, South Africa. (Dec. 2004, p. 1379)

Hosts: Hosted jointly by Potchefstroom University for CHE, The University of Pretoria and The University of the Witwatersrand.

Focus: Topics that would be covered include among others: Stochastic models, Modern methods of risk analysis, Quantitative

and computational models and methods, Methods of financial mathematics; in particular the role of measure theory, functional analysis and modern stochastics in Finance.

Information: email: mfinance@cam.wits.ac.za.

* 8-11 **Workshop on Profinite Groups and Applications**, Carleton University, Ottawa, Ontario, Canada.

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

Information: <http://www.fields.utoronto.ca/programs/scientific/05-06/profinite/>.

8-12 **NSF-CBMS Regional Conference on Algebraic and Topological Combinatorics of Ordered Sets**, San Francisco State University, San Francisco, California. (Apr. 2005, p. 475)

Speaker: Anders Bjoörner will give ten lectures to introduce background material, fundamental results, and recent advances in the field of algebraic and topological combinatorics of partially ordered sets, (oriented) matroids, subspace arrangements, and algebraic shifting etc. Most of the 40-50 participants should expect to obtain funding. Graduate students and postdocs are highly encouraged to apply.

Other Speakers: Alexander Barvinok, Winfried Bruns, Gunnar Carlsson, Persi Diaconis, Isabella Novik, Bernd Sturmfels, Michelle Wachs, Neil White.

Organizers: J. Gubeladze, email: soaso@math.sfsu.edu; S. Hosten; email: serkan@math.sfsu.edu.

Information: <http://math.sfsu.edu/gubeladze/cbms.html>.

8-13 **XX Nevanlinna Colloquium**, ETH Lausanne, Lausanne, Switzerland. (Nov. 2004, p. 1266)

Topics: Geometric invariants of Riemannian surfaces and hyperbolic manifolds, Kleinian groups, arithmetic groups, discrete subgroups of Lie groups. Numerical methods in conformal geometry. Quasiregular maps. Geometric analysis.

Information: (NEW WEB ADDRESS): <http://www.nevanlinna.ch>.

8-December 23 **Global Problems in Mathematical Relativity**, Isaac Newton Institute for Mathematical Sciences, Cambridge, England. (Aug. 2004, p. 834)

Description: General relativity has been around for a long time as a physical theory and an object of mathematical study. It was a subject of intense interest in the 1960s and 1970s, when advances included the discovery of the Kerr solution, the study of black holes and singularity theorems, and the introduction of asymptopia as a framework for studying asymptotic properties, including gravitational radiation. At the same time there were many mathematical problems that resisted mathematical analysis. In recent years there have been significant advances in our understanding of the topological, geometrical, and PDE aspects of general relativity; and progress is once again becoming rapid. New results are being obtained, and older results re-proved in greater generality.

Organizers: P.T. Chrusciel (Tours), H. Friedrich (Golm), P. Tod (Oxford).

Information: <http://www.newton.cam.ac.uk/programmes/GMR/>; Isaac Newton Institute for Mathematical Sciences, 20 Clarkson Road, Cambridge, CB3 0EH, U.K.; tel.: +44 1223 335999, fax.: +44 1223 330508; email: info@newton.cam.ac.uk.

10-12 **17th Canadian Conference on Computational Geometry**, The Fields Institute for Research in Mathematical Sciences, University of Windsor, Windsor, Ontario, Canada. (Aug. 2005, p. 785)

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

14-19 **International Conference on Complex Analysis and Related Topics: The 10th Romanian-Finnish Seminar**, "Babes-Bolyai" University, Cluj-Napoca, Romania. (Apr. 2005, p. 475)

Organizers: The Institute of Mathematics "Simion Stoilow" of the Romanian Academy, the Faculty of Mathematics and Informatics of the University of Bucharest, the Faculty of Mathematics and Informatics of the "Babes-Bolyai" University of Cluj-Napoca, the Universities of Helsinki, Joensuu and Jyväskylä from Finland.

Topics: Analytic functions of one complex variable; Quasiconformal mappings and Teichmüller spaces; Several complex variables; Potential theory; Functional analytical methods in complex analysis.

Registration: A preliminary registration form (including: Name; First name; Institution/Affiliation; Address/E-mail; Sections' participation) should be returned (either by e-mail or by standard mail; see address below).

Information: Complex Analysis and Related Topics c/o Institute of Mathematics "Simion Stoilow" of the Romanian Academy, P.O. Box 1-764, 014700, Bucharest, Romania; fax: +40 21 212 51 26; email: rofinsem@imar.ro.

15-17 **DIMACS Workshop on Machine Learning Approaches for Understanding Gene Regulation**, DIMACS Center, CoRE Bldg, Rutgers University, Piscataway, New Jersey. (Jun/Jul. 2005, p. 670)

Description: This three-day workshop is designed to encourage interaction among innovators in computational biology and innovators in machine learning; to illuminate recent successes as well as pressing challenges; and to inspire the development of novel, biologically relevant, and biologically interpretable machine learning approaches to the current problems in biology.

Organizer: Christina Leslie, Columbia University, email: cleslie@cs.columbia.edu; Chris Wiggins, Columbia University, email: chris.wiggins@columbia.edu.

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

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

15-19 **Eisenstein Series and Applications**, AIM Research Conference Center, Palo Alto, CA. (May 2005, p. 569)

Organizers: Wee Teck Gan, Steven Kudla, and Yuri Tschinkel.

Workshop Topics: This workshop, sponsored by AIM and the NSF, will consider some recent applications of Eisenstein series to problems in arithmetic geometry and number theory. A central goal of the workshop will be to try to understand the common structural properties of the Eisenstein series occurring in applications.

Application Deadline: May 15, 2005.

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

15-19 **Workshop on PDE and and Mathematical Finance**, Institut Mittag-Leffler, Stockholm, Sweden. (May 2005, p. 569)

List of Speakers: K. H. Karlsen (CMA/Univ. of Oslo), P. Laurence (Univ. of Rome), M. Avellaneda (New York Univ.), B. Oksendal (Univ. of Oslo), J-P. Fouque (North Carolina State Univ.), K. Solna (Univ. of California, Irvine), N. Touzi (ENSEA), C. Schwab (Swiss Fed. inst. of Tech., Zurich), M. Jonsson (Royal Inst. of Tech.), T. Zariphopoulou (Univ. of Texas at Austin), A. Ilhan (Princeton Univ.), D. Talay (INRIA), J. Tysk (Uppsala Univ.), W. Schachermayer (Vienna Univ. of Tech.), I. Karatzas (Columbia Univ.), H. M. Soner (Koch Univ.), H. Pham (Jussieu), J. Teichmann (Vienna Univ. of Tech.), S. Howison (Univ. of Oxford).

Information: Contact: Teitur Arnarson, Dept. of Math. KTH, 100 44 Stockholm, Sweden; email: teitur@math.kth.se.

17-19 **Spatial/Temporal Modelling for Marine Ecological Systems**, The Fields Institute for Research in Mathematical Sciences, Dalhousie University, Halifax, Nova Scotia, Canada. (Aug. 2005, p. 785)

Description: The purpose of the workshop is to bring together researchers in statistics and marine ecology interested in the development of models for the analysis of the complex temporal/spatial data now becoming available. These data include, for example, animal tracking data as well as time series of biological variables

from ocean observing systems. Advancements in marine ecology will be realized using these new observations, but not without the development and application of new statistical analysis techniques. Our over-riding goal is to review and further facilitate the identification of appropriate statistical methods and modeling approaches to address outstanding research questions.

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

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

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

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

17–21 **Third Pacific Rim Conference on Mathematics**, Fudan University, Shanghai, China. (Apr. 2005, p. 476)

Topics: All areas of mathematics with focus topics on: Algebra and Combinatorics; Algebraic Aspects of Lie Theory and Geometry; Applied Differential Geometry; Asymptotics and Riemann-Hilbert Problems; Computational Approach to Complex Dynamical Systems; Kinetic Theory; Low Dimensional Topology and Geometry; Nonlinear Analysis Nonlinear Phenomena, Symmetry and Integrable Structures; Partial Differential Equations and Applications.

Plenary Speakers: Gerard Jennhwa Chang (Taiwan), Shuxing Chen (China), Philippe G. Ciarlet (Hong Kong), Konstantin Mischaikow (USA), Colin Rogers (Australia), Minoru Wakimoto, (Japan), Shicheng Wang (China), Roderick Wong (Hong Kong), Shih-Hsien Yu (Hong Kong).

Supporter: Fudan University, Mathematical Center of Ministry of Education of China, National Natural Science Foundation of China, Chinese Mathematical Society, China Society for Industrial and Applied Mathematics, Liu Bie Ju Centre for Mathematical Sciences (City University of Hong Kong), Sino-French Institute of Applied Mathematics

Information: Contact: Zhou Chunlian, Sino-French Institute of Applied Mathematics, Fudan University, Shanghai 200433, China; tel: 81-21-6564 2469; fax: 86-21-6564 8274; email: c1zhou@fudan.edu.cn; <http://PRCM3.fudan.edu.cn>.

20–22 **6th International Pure Mathematics Conference 2005**, Islamabad, Pakistan. (Jun/Jul. 2005, p. 670)

Description: The 6th International Pure Mathematics Conference 2005 (6th IPMC 2005) is a thematic conference on Algebra, Geometry, Analysis, and Mechanics. The entire conference is organized under one roof at a four-star hotel in the modern, peaceful, and beautiful federal capital of Pakistan located at the footsteps of the scenic Margalla Hills. There will be free housing and lodging for foreign participants. Several recreational trips will be organized in and around Islamabad introducing the unique local and multi-ethnic culture.

Information and registration: Please fill in the on-line registration form at <http://www.pmc.org.pk> and find more information therein. The conference is convened by Qaiser Mushtaq in collaboration with Mathematics Division, Institute of Basic Research (Florida, USA), Higher Education Commission, Pakistan Telecommunication Ltd, and Pakistan Mathematical Society.

20–26 **Algebraic and Geometric Combinatorics**, Anogia Academic Village, Crete, Greece. (Apr. 2005, p. 476)

Organizers: V. Batyrev, M. Henk, F. Santos.

Main speakers: V. Batyrev, L. Billera, A. Björner, Sweden, M. Henk, P. McMullen, F. Santos, G. Ziegler.

Support: For young scientists (pre- and post-Ph.D.), especially from EU Member and Associated States.

Deadline: April 20, 2005.

Information: Financial applications: email: euroconf@math.uoc.gr.

22–27 **International Symposium on Analytic Function Theory, Fractional Calculus and their Applications: In Honour of Professor H. M. Srivastava on his 65th Birthday**, University of Victoria, Victoria, British Columbia, Canada. (Jun/Jul. 2005, p. 670)

Organizers: S. Owa (Kinki Univ., Higashi-Osaka, Japan; email: owa@math.kindai.ac.jp); T. Sekine (Nihon Univ., Chiba, Japan); email: tsekine@pha.nihon-u.ac.jp; H. Nishiwaki (Slow Mathematics Incorporated, Kyoto, Japan).

Information: Ms. Merina Brisdon (Univ. of Victoria, Victoria, British Columbia, Canada); email: merina@math.uvic.ca.

27–29 **CCA 2005, Second International Conference on Computability and Complexity in Analysis**, Kyoto University, Kyoto, Japan. (Jun/Jul. 2005, p. 670)

Scope: Theory of computability and complexity over real-valued data.

Deadlines: Submission: May 1, 2005; Notification: June 5, 2005; Camera-ready version: July 3, 2005; Satellite seminars and reception: August 25–26, 2005; Main conference: August 27–29, 2005.

Information: <http://cca-net.de/cca2005>.

28–September 2 **5th Conference on Differential Geometry**, Mangalia, Romania. (May 2005, p. 569)

Invited Participants: Geometers; Members of BSG-AMS, EMIS.

Institutional Organizers: Balkan Society of Geometers, University Politehnica of Bucharest-Department of Mathematics, University of Bucharest-Faculty of Mathematics and Informatics, Society of Mathematical Sciences from Romania, Callatis High School of Mangalia.

Topics: Differential geometry, dynamical systems, optimization on Riemannian manifolds, Theory of Relativity, celebration of Dan Barbillean (1895–1961), mathematics in High Schools and Universities, BSG elections.

Deadlines: Submission of applications: June 20, 2005. Selected scientific papers will be published in BSG journals.

Coordinators: Constantin Udriste, Gabriel Pripoea.

Information: email: vbalan@mathem.pub.ro, udriste@mathem.pub.ro (scientific); callatis@seanet.ro (educational).

29–31 **Algebraic Methods and Applications in Dynamical Systems—Special session in the 5th IASTED International Conference on Modeling, Simulation, and Optimization (MSO 2005)**, Oranjestad, Aruba. (May 2005, p. 569)

Description: This special session will focus on the algebraic methods and applications in continuous or discrete dynamical systems. In recent years, algebraic techniques are increasingly applied to many real world problems producing dynamic systems. Through the presentations we propose to identify common themes and recent developments regarding algebraic approach to solving dynamical system problems. Furthermore, this session will provide participants opportunities to interact and establish research connections with each other. The deadline to submit your paper to this special session is April 15, 2005. Please send your paper directly to Aihua Li, the organizer. Email submission is preferred. The address is: lia@mail.montclair.edu. Please see the conference web site for instruction.

Organizer: Aihua Li, Department of Mathematical Sciences, Montclair State University, 1 Normal Avenue, Montclair, NJ 07043, USA. Office phone: 973-655-7271.

Information: <http://www.iasted.org/conferences/2005/aruba/c471.htm>

29–September 2 **International Workshop on Computational Science and its Education (IWCS-2005 Beijing, China)**, Capital Normal University, Beijing, China. (Jun/Jul. 2005, p. 670)

Description: The event is composed of 45 invited talks in 6 focus areas in computational science and its education and 2 panel

discussions on contemporary research and teaching issues. Online registration, abstract submission for contributed talks and poster presentations are open till July 31, 2005.

Information: <http://www.math.ohiou.edu/~shen/workshop/workshop.html>;
<http://www.cnu.edu.cn/guojihuiyi/iwcse2005/>.

29–September 2 **Numerical Methods for Optimal Control in High Dimensions**, AIM Research Conference Center, Palo Alto, CA. (May 2005, p. 569)

Organizers: Doron Levy, Ian Mitchell, and Adam Oberman.

Workshop Topics: This workshop, sponsored by AIM and the NSF, will be devoted to problems of optimal control, broadly interpreted to include stochastic control problems and differential games. It is a standard practice to formulate these problems in terms of a multi-dimensional Hamilton-Jacobi-Bellman (HJB) equation. The workshop will focus on computational methods for tackling high dimensional HJB and related equations.

Application Deadline: May 29, 2005.

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

29–September 3 **CIME Conference: SPDE in hydrodynamics: recent progress and prospects**, Cetraro (Cosenza), Italy. (Jun/Jul. 2005, p. 670)

Lectures (8 hours each): Sergio Albeverio, Bonn University, Germany, Deterministic and Stochastic models of hydrodynamics; Franco Flandoli, Università di Pisa, Italy, Statistics of vortex filaments: From the Navier-Stokes equations to the laws of turbulence; Yakov G. Sinai, Princeton University, Mathematics of Navier-Stokes system.

Information: <http://www.math.unifi.it/~CIME>.

* 30–September 1 **Probability and PDE**, SCIENCE BLD 3-512, Hokkaido University, Sapporo, Japan.

Organizers: Masayoshi Takeda (Tohoku Univ.), Etoshio Mikami (Hokkaido Univ.).

Speakers: Koji Kikuchi (Shizuoka Univ.), Yoshihiro Tonegawa (Hokkaido Univ.), Shuya Kanagawa (Musashi Inst. Tech.), Kazuhiro Kuwae (Kumamoto Univ.), Masayoshi Takeda (Tohoku Univ.), Masaaki Tsuchiya (Kanazawa Univ.), Masatoshi Fujisaki (Hyogo Pref. Univ.), Katsuyuki Ishii (Kobe Univ.), Naoyuki Ichihara (Osaka Univ.), Hideo Nagai (Osaka Univ.), Hidehiro Kaise (Nagoya Univ.), Shuenn-Jyi Sheu (Academia Sinica), Yasuhiro Fujita (Toyama Univ.), Toshio Mikami (Hokkaido Univ.).

September 2005

5–8 **8th International Conference on Logic Programming and Nonmonotonic Reasoning (LPNMR'05)**, Diamante, Cosenza, Italy. (Apr. 2005, p. 476)

Description: LPNMR is a forum for exchanging ideas on declarative logic programming, nonmonotonic reasoning and knowledge representation. The aim of the conference is to facilitate interactions between researchers interested in the design and implementation of logic based programming languages and database systems, and researchers who work in the areas of knowledge representation and nonmonotonic reasoning. Authors are invited to submit papers presenting original and unpublished research on nonmonotonic aspects of logic programming and knowledge representation. We particularly encourage papers on application of LPNMR techniques to build significant applications.

Topics: Development and mathematical studies of logical systems with nonmonotonic entailment relations, Implementation of LPNMR systems, and Applications of LPNMR systems.

Important dates: Abstract Submission Deadline: March 22, 2005; GMT; Paper Submission Deadline: March 25, 2005; Notification (Accept/Reject): May 16, 2005; Conference Schedule: June 6, 2005; Final Conference Papers: June 10, 2005; Early Registration Deadline: July 4, 2005.

Information: <http://www.mat.unical.it/lpnmr05/>.

5–9 **IVth International Workshop on Functional Analysis**, Liège, Belgium. (May 2005, p. 569)

Description: This Functional Analysis Conference is a joint venture of the University of TRIER (Germany) and of the University of LIEGE (Belgium); it is organized on the occasion of the 65th birthday of Professor Jean Schmets (University of LIEGE).

Organizers: Françoise Bastin (University of LIEGE, Belgium), Susanne Dierolf (University of TRIER, Germany), Jochen Wengenroth (University of TRIER, Germany).

Information: <http://www.ulg.ac.be/sectmath/Sept05.html>;
<http://http://www.afo.ulg.ac.be/>.

5–9 **Workshop on: Modular Forms, Automorphic Forms and Related Moduli Spaces**, INdAM-institute on the campus of the Università di Roma “La Sapienza”, Rome, Italy. (Mar. 2005, p. 371)

Organizers: Riccardo Salvati Manni (Roma) and Bert van Geemen (Milano).

Invited Speakers: F. Andreatta (Padova); S. Böcherer (Mannheim); J. H. Bruinier (Heidelberg) to be confirmed; D. Doud (Provo) to be confirmed; C. Faber (Stockholm) to be confirmed; V. Gritsenko (Lille); S. Grushevsky (Princeton); E. Freitag (Heidelberg); K. Hulek (Hannover); T. Ibukiyama (Osaka); W. Kohlen (Heidelberg); S. Kondo (Nagoya); S. Kudla (College Park) to be confirmed; E. Looijenga (Utrecht); D. Pollack (Middletown); G. K. Sankaran (Bath); R. Schmidt (Oklahoma); N. I. Shepherd-Barron (Cambridge, UK); W. Stein (Cambridge, USA); A. M. Uludag (Bursa); R. Weissauer (Heidelberg) to be confirmed.

Information: <http://www.mat.uniroma1.it/modular/>; email: modular@mat.uniroma1.it.

5–11 **The Seventh International Workshop on Differential Geometry and its Applications**, Deva, Romania. (Feb. 2005, p. 291)

Program: 50 minute lectures and 25 minute talks. Poster communications are also envisaged.

Main Topics: Riemannian geometry and generalizations, nonassociative algebra methods in (finite- and infinite-dimensional) differential geometry, complex and quaternionic geometry, foliation theory, critical point theory and applications.

Foreign Invited Speakers (confirmed until the end of August 2004): W. Bertram (France), C.-H. Chu (England), J. Dorfmeister (Germany), L. Funar (France), W. Kaup (Germany), O. Kowalski (Czech Republic), E. Macias-Virgos (Spain), S. Marchiafava (Italy), N. Teleman (Italy).

Organizers: D. Andrica, “Babes-Bolyai”, Univ.-Cluj-Napoca, email: dandrica@math.ubbcluj.ro; R. Iordanescu, Institute of Mathematics of the Romanian Academy-Bucharest, email: Radu.Iordanescu@imar.ro; I. Mos, Department of Colleges for Teachers of the Univ. of the West from Timisoara in Deva, email: mos@isj.hd.edu.ro; M. Puta, Univ. of the West, Faculty of Mathematics, Timisoara, email: puta@math.uvt.ro.

* 7–9 **Topics in Deformation Quantization and Noncommutative Structures**, CINVESTAV, Mexico City, Mexico.

Description: The Physics and Mathematics departments of the CINVESTAV in the WORLD YEAR OF PHYSICS 2005 around M. Kontsevich's visit to Mexico for the SOLOMON LEFSCHETZ MEMORIAL LECTURES have the pleasure to announce the satellite conference on Deformation Quantization and Noncommutative Structures.

Confirmed lecturers: Ernesto Lupercio (Departamento de Matemáticas, Cinvestav, Mexico), Octavio Obregon (Departamento de Física, Universidad de Guanajuato, Mexico), Marcos Rosenbaum (ICN-UNAM, MEXICO), Daniel Sternheimer (Institut de Mathématiques de Bourgogne, Dijon, France), Nikolai Vasilevski (Departamento de Matemáticas, Cinvestav, Mexico), Carlos Villegas (Instituto de Matemáticas, UNAM-Cuernavaca, Mexico), Alan Weinstein (University of California, Berkeley, California).

Organizers: Giuseppe Dito, Institut de Mathématiques de Bourgogne, CNRS UMR 5584, Université de Bourgogne, Dijon, France.

Hugo García-Compeán CINVESTAV, Physics Department, México. Isidoro Gitler, CINVESTAV, Mathematics Department, México. Ernesto Lupercio, CINVESTAV, Mathematics Department, México. Maciej Przanowski, Institute of Physics, Technical University of Lodz, Poland. Francisco Turrubiates, Institut de Mathématiques de Bourgogne, CNRS UMR 5584, Université de Bourgogne, Dijon, France. Carlos Villegas, Institute of Mathematics, UNAM, Cuernavaca, México.

* 8-9 **Solomon Lefschetz Memorial Lectures**, CINVESTAV, Mexico city, Mexico.

Description: The Mathematics and Physics department have the pleasure to announce that Prof. Maxim Kontsevich (IHES, France) will deliver the Solomon Lefschetz Memorial Lectures this year. The late Prof. Solomon Lefschetz was closely associated with the development of mathematical research in Mexico. As a tribute to him and in his honor, our Centro de Investigación has established the Solomon Lefschetz Memorial Lectures. Our practice has been to invite an eminent mathematician to our research center to give a series of lectures. The previous Lefschetz Lectures were given by Prof. J. Hale, M. F. Atiyah, E. Bombieri, S. S. Chern, J. Milnor, P. Mumford, W. Thurston, Y. G. Sinai, V. P. Maslov and S. Albeverio.

Organizers: Giuseppe Dito Institut de Mathématiques de Bourgogne, CNRS UMR 5584, Université de Bourgogne, Dijon, France. Hugo García-Compeán CINVESTAV, Physics Department, México. Isidoro Gitler CINVESTAV, Mathematics Department, México. Ernesto Lupercio CINVESTAV, Mathematics Department, México. Maciej Przanowski Institute of Physics, Technical University of Lodz, Poland. Francisco Turrubiates Institut de Mathématiques de Bourgogne, CNRS UMR 5584, Université de Bourgogne, Dijon, France. Carlos Villegas Institute of Mathematics, UNAM, Cuernavaca, México.

8-10 **Fabes Lectures 2005: First Announcement**, Universita' di Trieste, Trieste, Italy. (Jun/Jul. 2005, p. 670)

Speakers: The following speakers have accepted to contribute with a talk: Russell Brown (University of Kentucky), Luis Escauriaza (EHU, Bilbao), Hyeonbae Kang (Seoul National University), C. Kenig (University of Chicago), R. Magnanini (Firenze), A. Morassi (Udine), L. Paivrintä (Rolf Nevanlinna-Institute, Helsinki), Alberto Ruiz Gonzalez (Univ. Autonoma, Madrid), J. K. Seo (Yonsei University, Seoul), G. Uhlmann (University of Washington, Seattle).

Organizers: Giovanni Alessandrini, Universita' di Trieste, Italy; Sandro Salsa, Politecnico di Milano, Italy.

Information: The relevant information shall be posted in due time on the web page <http://www.dmi.units.it/~rondi/fabes/>. Those interested in attending are invited may write to: email: rondi@units.it.

10-13 **36th Annual Iranian Mathematics Conference**, Department of Mathematics, Yazd University, Yazd, Iran. (Jun/Jul. 2005, p. 670)

Description: The Annual Iranian Mathematics Conference (AIMC) is the oldest scientific gathering which takes place regularly each year at one of Iranian universities.

Sponsors: The Iranian Mathematical Society and Yazd University have jointly sponsored the 36th AIMC. This conference is an international conference and includes invited speakers and presentations of contributed research papers.

Deadlines: June 5, 2005: Registration and extended abstract submission. July 5, 2005: Complete paper submission. Registered participants who wish their paper to be published in the conference proceedings must submit their paper.

Information: If you have any questions and to get the announcement for the AIMC36, please send an email to: B. Davvaz, Chairman of Scientific Committee; email: aimc36@yazduni.ac.ir; davvaz@yazduni.ac.ir.

12-15 **Third International Workshop Meshfree Methods for Partial Differential Equations**, Rheinische Friedrich-Wilhelms Universität Bonn, Bonn, Germany. (Apr. 2005, p. 476)

Description: The numerical treatment of partial differential equations with meshfree discretization techniques has been a very active research area in recent years. While the fundamental theory of meshfree methods has been developed and considerable advances of the various methods have been made, many challenges in the mathematical analysis and practical implementation of meshfree methods remain.

Sponsor: Sonderforschungsbereich 611.

Deadlines: Abstract: About 300 words (preferably in LaTeX format) to email: meshfree@ins.uni-bonn.de by May 1, 2005. Confirmation and program: August 1, 2005.

Information: <http://wissrech.ins.uni-bonn.de/meshfree>.

12-16 **p-Adic Representations**, Centre de recherches mathématiques, Univ. de Montréal, Montréal, Québec, Canada. (Apr. 2005, p. 476)

Topics: The main topics are related to a p-adic Langlands correspondence and its relationship to p-adic families of motives. More precisely the p-adic Langlands correspondence is a correspondence between p-adic Galois representations of dimension n (of the absolute Galois group of Qp) and certain representations of $GL_n(Qp)$ on p-adic topological vector spaces. This correspondence is supposed to be compatible with p-adic families on both sides.

Organizers: Adrian Iovita (Concordia); Henri Darmon (McGill).

Information: <http://www.crm.umontreal.ca/Number2005/>.

12-16 **CASC'2005: The 8th International Workshop on Computer Algebra in Scientific Computing, CASC'2005**, Kalamata, Greece. (Apr. 2005, p. 476)

Organizers: CASC General Chairs: V. P. Gerdt (Dubna), E. W. Mayr (Munich) CASC'2005 Conference Chairs: I. Z. Emiris (Athens), I. S. Kotsireas (Waterloo), M. N. Vrahatis (Patras).

Deadlines: For submissions: April 1, 2005. Notification of acceptance: June 30, 2005. Final version due: July 15, 2005.

Information: <http://www.cargo.wlu.ca/casc2005/>; email: casc2005@in.tum.de.

12-17 **International Conference on Mathematical Analysis of Random Phenomena**, Hotel Abou Nawas Hammamet, Hammamet, Tunisia. (May 2005, p. 569)

Scientific Programme: Stochastic Analysis, Mathematical Finance, Poisson Analysis, Intersection local times, Hydrodynamics equations, Statistical mechanics, Probability in Quantum Physics.

Invited Speakers: Luigi Accardi, Hélène Airault, Sergio Albeverio, Philippe Blanchard, Eric Carlen, Fernanda Cipriano, Ana Bela Cruzeiro, Custódia Drumond, Diogo Gomes, Hanno Gottschalk, Martin Grothaus, Takeyuki Hida, Yuri Kondratiev, Tobias Kuna, Paul Lescot, Paul Malliavin, Rui Vilela Mendes, Nobuaki Obata, Bernt Oksendal, Maria J. Oliveira, Giulia di Nunno, Habib Ouerdiane, Nicolas Privault, Michael Röckner, Francesco Russo, José L. Silva, Isabel Simão, Ludwig Streit, Jean Claude Zambrini.

Inscription deadline: June 15, 2005.

Information: Ana Bela Cruzeiro, Grupo de Física-Matemática U.L. and Dep. de Matemática I.S.T. Av. Rovisco Pais 1049-001 Lisboa, Portugal; tel: +351 218417063; fax: +351 218417048; email: abcruz@math.ist.utl.pt or Habib Ouerdiane, Département de Mathématiques, Faculté des Sciences de Tunis. Campus universitaire-1060 Tunis. Tunisie; tel: + 216-71-872-020, fax: + 216 1 885 350, email: habib.ouerdiane@fst.rnu.tn; <http://www.uma.pt/Investigacao/Ccm/hammamet.html>.

12-19 **Small Deviation Probabilities and Related Topics**, Euler IMI, St. Petersburg, Russia. (Feb. 2005, p. 291)

Organizers: St. Petersburg Department of Steklov Institute of Mathematics, Euler International Mathematical Institute.

Topics: The aim of the conference is to bring together outstanding researchers working on small deviation probabilities and in related fields of probability analysis, and applied mathematics such as stochastic processes, approximation theory, quantization, spectral theory of operators etc.

Information: email: smalldev@euler.pdmi.ras.ru; email: www.pdmi.ras.ru/EIMI/2005/sd/.

13-17 **5th International Conference on Words**, Centre de recherches mathématiques, Université de Montréal, Montréal, Québec, Canada. (Apr. 2005, p. 476)

Organizers: Srecko Brlek (Univ. du Québec à Montréal); Cedric Chauve (Univ. Bordeaux I, UQAM); Annie Lacasse (Univ. du Québec à Montréal); Geneviève Paquin (Univ. du Québec à Montréal).

16-20 **International Conference of Numerical Analysis and Applied Mathematics 2005 (ICNAAM 2005)**, Hotel Esperides, Rhodes, Greece. (Feb. 2005, p. 291)

Organizer: European Society of Computational Methods in Sciences and Engineering (ESCMCE).

Deadlines: Important Dates: Early Registration ends (i.e. fees paid and a bank Slip has arrived fax: ++ 30210 94 20 091, ++ 30 2710 237 397) to the Secretary of ICNAAM or a Visa-Master-American Express Card has been charged): April 30, 2005. Normal Registration ends (i.e. fees paid and a Bank Slip has arrived fax: ++ 30210 94 20 091, ++ 30 2710 237 397) to the Secretary of ICNAAM or a Visa-Master-American Express Card has been charged): May 31, 2005. Late Registration ends (i.e. fees paid and a bank Slip has arrived fax: ++ 30210 94 20 091, ++ 30 2710 237 397) to the Secretary of ICNAAM or a Visa-Master-American Express Card has been charged): June 30, 2005 Submission of Extended Abstract: June 30, 2005 (final date). Notification of acceptance: July 10, 2005. Submission of the source files of the camera ready extended abstracts to Wiley-VCH: July 20, 2005 (final date). Submission of the full paper for consideration for publication in the journals: September 30, 2005–November 30, 2005. The deadline for proposal submission is May 31, 2005. Send to email: icnaam@uop.gr.

Important Information: Papers for Sessions, Workshops or Minisymposia should be submitted directly to the Sessions, Workshops or Minisymposia organizers who also defines the deadline. After the selection, the Sessions, Workshops or Minisymposia organisers must send the final accepted papers to the Secretary of ICNAAM 2005.

18-23 **The 11th Workshop on Graph Theory-Colourings, Independence and Domination**, Karpacz, Poland. (Jun/Jul. 2005, p. 671)

Organizers: Organized by the Faculty of Mathematics, Computer Science and Econometrics of University of Zielona Góra, Poland.

Organizing committee: Mieczyslaw Borowiecki, Alina Szelecka; email: cid@wmie.uz.zgora.pl; <http://www.cid.uz.zgora.pl>.

18-24 **XII EWM (European Women in Mathematics)**, Volgograd, Russia. (Jun/Jul. 2005, p. 671)

Information: Associate secretary: Tatiana Vassilieva; email: ewm@volsu.ru; <http://ewm.volsu.ru/>.

19-21 **French Moroccan Meeting on Approximation and Optimization**, Faculty of Sciences of Rabat, Morocco. (Jun/Jul. 2005, p. 671)

Scope: Of this meeting covers a range of major topics in Numerical Analysis, Optimization, also in Approximation and Engineering and related disciplines, ranging from theoretical developments to industrial applications and modelling of problems.

Organizer: Faculty of Sciences of Rabat (Morocco), Mohammadia School of Engineers (Morocco), Hassania School Public works (Morocco), National School of Mineral Industry (Morocco), University Paul Sabatier Toulouse (France), National Institut of Applied Sciences Toulouse France). Programme Committee: M-N. Benbourhim (UPS Toulouse, France), M. CHIDAMI (FSR Rabat, Morocco), R. Ellaia (EMI Rabat, Morocco), L. Ghannam (UPS Toulouse, France), A. Hassouni (FSR Rabat, Morocco), A. ISMAIL (EHTP Casablanca, Morocco), K. Najib (ENIM Rabat, Morocco), C. Rabut (INSA Toulouse, France).

Deadline: With abstract: May 19, 2005.

Information: Address: Universite Mohammed V, Faculte Des Sciences, Avenue Ibn Batouta, B.P. 1014, Rabat, Morocco; email: rfmao@fsr.ac.ma; phone: 212 (0) 37775471; <http://www.fsr.ac.ma/rfmao/>.

19-23 **IMA Tutorial: Radar and Optical Imaging**, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, Minnesota. (Jan. 2005, p. 82)

Organizers: Margaret Cheney (Rensselaer Polytechnic Institute), David Brady (Duke University).

Information: Institute for Mathematics and its Applications, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, MN 55455; phone: 612-624-6066; email: visit@ima.umn.edu or; <http://www.ima.umn.edu/imaging/fall/T9.19-23.05.html>.

20-22 **International Conference: Problems of Modern Mathematics and Mechanics**, Institute of Mathematics, Almaty, Kazakhstan. (May 2005, p. 569)

Topics: Theory of functions and functional analysis. Differential equations and mathematical physics. Algebra and mathematical logic. Computational mathematics. Mechanics of solids & structures. Hydrodynamics, mechanics of gas and plasma. Information technologies. Program of Conference consists of plenary (40 minutes) and sectional (20 minutes) talks. Working languages of Conference are Kazakh, Russian and English.

Important Dates: July 10, 2005-Submission of abstracts. July 20, 2005-The Second announcement.

Organizing Committee: Postal address: Institute of Mathematics, Pushkin str., 125, Almaty, 050010, Kazakhstan; tel: +7(3272)913764; fax: +7(3272)913740; email: im40@math.kz; <http://www.math.kz/confen.htm>.

20-27 **International Conference Harmonic Analysis and Approximations, III**, Tsahkadzor, Armenia. (Apr. 2005, p. 477)

Deadline for Application: March 31, 2005 .

Description: The program of the conference will consist of invited 40-minutes plenary lectures and contributed 20-minutes talks. The following mathematicians have agreed to give a plenary lecture at the conference: Borislav Bojanov (Bulgaria), Carl de Boer (USA) , Ronald DeVore (USA), Nira Dyn (Israel), Hakop Hakopian (Armenia), Kazaros Kazarian (Spain), Gerard Kerkyacharian (France), Sergey Konyagin (Russia), Michael Lacey (USA), Konstantin Oskolkov (USA), Allan Pinkus (Israel), Gerald Shmieder (Germany), Przemyslaw Wojtaszczyk (Poland).

Contact Information: Artur Sahakian, Institute of Mathematics, Marshal Bagramian ave, 24-B, 375019, Yerevan, Armenia; email: mathconf@ysu.am; <http://math.sci.am>; fax: (3741) 524801. Online registration is available: <http://math.sci.am/conference/sept2005/registration.html>.

21-24 **Workshop on Jordan Algebras and Related Fields**, The Fields Institute for Research in Mathematical Sciences, University of Ottawa, Ottawa, Ontario, Canada. (Aug. 2005, p. 785)

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

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

Invited Speakers: T. Cortés (Oviedo), A. Elduque (Zaragoza), J. Faulkner (Virginia), E. Garcia (Madrid), S. Garibaldi (Emory), S. Krutelevich (Ottawa), O. Loos (Innsbruck), C. Martinez (Oviedo), K. McCrimmon (Virginia), H. Petersson (Hagen), I. Shestakov (Saõ

Paulo), U. Stenger (Hagen), Y. Yoshii (North Dakota State), E. Zelmanov (UC, San Diego).

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

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

21-26 International Conference of Computational Methods in Sciences and Engineering 2005 (ICCMSE 2005), Hotel Poseidon, Loutraki, Korinthos, Greece. (May 2005, p. 570)

Information: Contact information: Secretary ICCMSE 2005 (Mrs Eleni Ralli-Simou); email: iccmse@uop.gr, Postal Address: 26 Menelaou Street, Amfitea Paleon Faliron, GR-175 64, Athens, Greece, Fax: +30210 94 20 091 or + 30 2710 237397; <http://www.uop.gr/~iccmse/>.

* **23-24 7th National Conference on Mathematical Analysis and Applications**, University of Craiova, Romania.

Organizers: Center of Nonlinear Analysis and Applications (University of Craiova, Romania) and Romanian Mathematical Society.

Aim: The Conference focuses on various modern trends in Analysis and their applications to Mathematical Physics, Variational Calculus and Optimal Control.

Plenary Speakers: Dumitru Baleanu (Cankaya University, Ankara), Ovidiu Cârjă (Al. I. Cuza University, Iasi), George Dinca (University of Bucharest), Petru Jebelean (West University, Timisoara), Radu Precup (Babes-Bolyai University, Cluj-Napoca), Michel Théra (Université Limoges), Ioan Vrabie (Al. I. Cuza University, Iasi), Michel Willem (Université de Louvain), Constantin Zălinescu (Al. I. Cuza University, Iasi).

Scientific Committee: Viorel Barbu (Romanian Academy), Wolfgang Breckner (Babes-Bolyai University, Cluj-Napoca), Mihail Megan (West University, Timisoara), Petru Mocanu (Babes-Bolyai University, Cluj-Napoca), Nicolae Popa (University of Bucharest), Teodor Precupanu (Al. I. Cuza University, Iasi), Octavian Stănilă (Politehnica University, Bucharest).

Information: Contact: Prof. Constantin Niculescu and Prof. Vicentiu Radulescu, Department of Mathematics, University of Craiova, 200585 Craiova, Romania; fax: +40.251.411688; email: cniculescu@central.ucv.ro; vicentiu.radulescu@ucv.ro; <http://inf.ucv.ro/events/CAMA2005/>.

26-30 49th Annual Meeting of the Australian Mathematical Society, The University of Western Australia, Perth, Australia. (Jan. 2005, p. 82)

Information: <http://www.maths.uwa.edu.au/~austms05/>.

27-30 Workshop on Graphs, Morphisms and Applications, Centre de Recerca Matemàtica, Bellaterra, Spain. (Jun/Jul. 2005, p. 671)

Tentative list of participants: J. Barajas, M. Boudirsky, P. Cameron, V. Dalmau, J. Diaz, J. Fiala, G. Hahn, P. Hell, W. Imrich, J.B. Jensen, A.V. Kostochka, D. Kral, J. Kratochvíl, H. Lefmann, A. Lladó, M. Loeb, L. Lovász, C. McDiarmid, B. Mohar, A. Montejano, J. Moragas, R. Naserasr, M. Noy, P. Ossona, A. Raspaud, V. Rödl, M. Ruszinko, M.J. Serna, E. Sopana, C. Szabo, Cl. Tardif, J.A. Telle, D. Thililós, B. Toft, G.J. Woeginger and X. Zhu.

Information: <http://www.crm.es/> or email: WorkshopGraphs@crm.es.

October 2005

3-7 2nd Workshop on Tutte Polynomials and Applications, Centre de Recerca Matemàtica, Bellaterra, Spain. (Jun/Jul. 2005, p. 671)

Tentative list of participants: M. Bousquet-Mélou, P. Cameron, R. Cordovil, R. Cori, J.E. Ellis-Monaghan, G. Farr, I. Gitler, L. Helme-Guizon, P. Hlineny, B. Jackson, J.P. Kung, M. Las Vergnas, M. Loeb,

J. Makowsky, C. Merino, R. Read, D. Rossin, J. Salas, I. Sarmiento, G. Schaeffer, R. Shrock, A. Sokal and D.G. Wagner.

Information: <http://www.crm.es/> or email: WorkshopTutte@crm.es.

* **6-8 Wolfram Technology Conference 2005**, Hawthorn Suites Ltd., Champaign, Illinois.

Description: This intensive three-day event will assemble leaders from around the world in technical computing and other related fields for presentations on the latest advances in Mathematica and other Wolfram technologies. The conference will feature tutorials, hands-on workshops, problem-solving clinics, contributed talks, demo sessions, technology briefings, and one-on-one executive discussions.

Deadline: For abstracts: August 1, 2005.

Information: <http://www.wolfram.com/techconf2005/>. Phone: 1-800-WOLFRAM(965-3726) or +1-217-398-0700; email: conference-info@wolfram.com. Registration: <http://www.wolfram.com/news/events/techconf2005/register.cgi>.

7-8 Twenty-Fifth Annual Southeastern-Atlantic Regional Conference on Differential Equations, University of Dayton, Dayton, Ohio. (May 2005, p. 570)

Organizer: Muhammad N. Islam.

Principal Speakers: T. A. Burton (Northwest Research Institute, Washington, Retired from Southern Illinois University), Functional Differential Equations; Srdjan Stojanovic (University of Cincinnati, Ohio), Nonlinear Partial Differential Equations - methods in Financial Mathematics; Avner Friedman (Ohio State University, Ohio), Partial Differential Equations. (tentative); Konstantina Trivisa (University Maryland), Nonlinear Partial Differential Equations and Applied Mathematics. (tentative)

In addition to the principal speakers, there will also be sessions of twenty minute contributed talks. Pending funding from the National Science Foundation, travel support funds will be available for advanced graduate students and recent Ph.D. recipients. Women and minority participants are especially encouraged to participate in this conference and to apply for support.

Information: <http://academic.udayton.edu/searchde-25/>. To get instructions on registration, lodging, submission of abstracts, and application for support. Please pass this announcement along to all who might be interested in participating in the conference. If you have questions about the conference, please send e-mail to searchde25@notes.udayton.edu or call Muhammad Islam (937 229-2109) or Mark Oxley (937 255-3636 Ex 4515).

7-9 19th Midwest Conference on Combinatorics, Cryptography and Computing, Department of Mathematics, Rochester Institute of Technology, Rochester, New York. (Jun/Jul. 2005, p. 671)

Keynote speaker: P. Winkler (Dartmouth College).

Invited Speakers: Walter Wallis (Southern Illinois University), Earl Glen Whitehead, Jr., (University of Pittsburgh), Eric Mendelsohn (University of Toronto), Jon Lee (IBM), Ruth Haas (Smith College), Ralph Grimaldi (Rose Hulman Institute of Technology).

Organizers: Hossein Shahmohamad, R.I.T., Ebrahim Salehi, UNLV, Darren Narayan, R.I.T., Carl Lutzer, R.I.T., Bernard Brooks, R.I.T.

Deadline: For submission of contributed talks: September 28, 2005.

Contact person: Hossein Shahmohamad, email: hxssma@rit.edu.

Information: <http://www.math.rit.edu/~cvlisma/MCCCC/>.

8-9 AMS Eastern Section Meeting, Bard College, Annandale-on-Hudson, New York. (Dec. 2004, p. 1379)

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

13-14 (NEW DATE) DIMACS Workshop on The Epidemiology and Evolution of Influenza, DIMACS Center, CoRE Bldg, Rutgers University, Piscataway, New Jersey. (Oct. 2004, p. 1096)

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

(Aug. 2005, p. 786)

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

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

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

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

14-15 Prairie Analysis Seminar 2005, Kansas State University, Manhattan, Kansas. (Jun/Jul. 2005, p. 671)

Description: This is the fifth in a series of annual conferences co-organized by Kansas State University and the University of Kansas.

Speakers: Carlos Kenig (University of Chicago) will give two one-hour lectures. James Colliander (University of Toronto) and Alexandru Ionescu (University of Wisconsin) will each give an hour lecture. There will be sessions for contributed talks.

Sponsor: The conference is co-sponsored by the Mathematical Sciences Research Institute, Berkeley, and the National Science Foundation.

Information: There is no registration fee and support is available for participants. See <http://www.math.ksu.edu/pas/2005/prairie05-index.html>.

15-16 AMS Southeastern Section Meeting, East Tennessee State University, Johnson City, Tennessee. (Dec. 2004, p. 1379)

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

15-17 The 26th Midwest-Pacific Differential Equations Conference, University of Alberta, Edmonton, Alberta, Canada. (Aug. 2005, p. 786)

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

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

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

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

17-21 IMA Workshop: Imaging from Wave Propagation, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, Minnesota. (Jan. 2005, p. 82)

Organizers: Margaret Cheney (Rensselaer Polytechnic Institute), Frank Natterer (Universitaet Muenster), William W. Symes (Rice University).

Information: Institute for Mathematics and its Applications, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, MN 55455; phone: 612-624-6066; email: visit@ima.umn.edu; <http://www.ima.umn.edu/imaging/fall/W10.17-21.05.html>.

17-21 Nonlinear Parabolic Problems, Helsinki, Finland. (Jan. 2005, p. 82)

Description: The program will run at the University of Helsinki and at the Helsinki University of Technology (HUT) and is sponsored by the governmental agency The Academy of Finland.

Topics: Qualitative theory of parabolic equations, reaction-diffusion systems, fully nonlinear problems, free boundary problems, Navier-Stokes equations, maximal regularity, degenerate parabolic problems.

Main speakers (tentative list): M. Chipot (Zurich), Ph. Clement (Delft), J. Escher (Hannover), M. Fila (Bratislava), M. Hieber (Darmstadt), G. Karch (Wroclaw), H. Kozono (Sendai), Ph. Laurecot (Toulouse), J. Lopez-Gomez (Madrid), S. Nazarov (St. Petersburg), W.-M. Ni (Minnesota), M. Pierre (Rennes), J. Pruess (Halle), P. Quittner (Bratislava), J. Rehberg (Berlin), G. Simonett (Nashville), H. Sohr (Paderborn), V. Solonnikov (St. Petersburg), Ph. Souplet (Versailles), J. L. Vazquez (Madrid), D. Wrzosek (Warszawa), L. Weis (Karlsruhe), E. Yanagida (Sendai).

Information: <http://www.math.helsinki.fi/research/FMSvisitor0506>; or contact Herbert Amann, email: amann@math.unizh.ch; Jari Taskinen, email: jari.taskinen@helsinki.fi; Stig-Olof Londen, email: stig-olof.londen@hut.fi.

18-20 DIMACS Short Course: Statistical De-identification of Confidential Health Data with Application to the HIPAA Privacy Regulations, DIMACS Center, CoRE Bldg, Rutgers University, Piscataway, New Jersey. (Jun/Jul. 2005, p. 672)

Short Description: This two-and-a-half day short course will provide participants with a detailed overview of the HIPAA privacy regulations, theory and methods for statistical disclosure limitation, and applied experience with disclosure limitation methods. Participants completing the course should be able to: 1) understand the permissible uses of healthcare data for various purposes under the HIPAA regulations; 2) conceptualize and document data intrusion scenarios; 3) conduct and document statistical disclosure analyses measuring disclosure risks; 4) select and use appropriate disclosure limitation methods; 5) evaluate the associated trade-offs between disclosure risks and statistical information quality. Development of these skills should enable participants to supervise and work successfully with an expert certifying statistician.

Organizer: Larry Cox, CDC, email: lcox@cdc.gov; Daniel Barth-Jones, Wayne State University, email: dbjones@med.wayne.edu.

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

Information: <http://dimacs.rutgers.edu/Workshops/Hipaa/>;

* **19-21 Österreichische Statistische Tage**, Universität Klagenfurt, Klagenfurt, Austria.

Information: <http://www.math.uni-klu.ac.at/stat/Tagungen/OST/>.

20-22 3rd Symposium on Stochastic Algorithms: Foundations and Applications (SAGA'05), Moscow State University, Moscow, Russia. (May 2005, p. 570)

Scope: The 3rd Symposium on Stochastic Algorithms, Foundations and Applications (SAGA'05) will be held in Moscow (Russia) from 20th to 22nd October 2005. The symposium offers the opportunity to present original research on the analysis, implementation, experimental evaluation and real-world application of stochastic algorithms. In particular, the focus of SAGA'05 is on new algorithmic ideas involving stochastic decisions and the design and evaluation of stochastic algorithms within realistic scenarios. Thus, the symposium wants to foster the co-operation between practitioners and theoreticians from this research area.

Information: Further information can be found at <http://mech.math.msu.su/department/dm/SAGA2005> or <http://www.dcs.kcl.ac.uk/events/saga05/>.

21–22 **AMS Central Section Meeting**, University of Nebraska, Lincoln, Nebraska. (Dec. 2004, p. 1379)

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

21–26 **International Conference of Computational Methods in Sciences and Engineering 2005 (ICCMSE 2005)**, Hotel Poseidon, Loutraki, Korinthos, Greece. (Apr. 2005, p. 477)

Description: In the past decades many significant insights have been made in several areas of Computational Methods in Sciences and Engineering. New problems and methodologies have appeared. There is permanently a need in these fields for the advancement of information exchange.

Topics: Computational Mathematics, Theoretical and Computational Physics and Theoretical and Computational Chemistry, Computational Engineering and Mechanics, Computational Biology and Medicine, Computational Geosciences and Meteorology, Computational Economics and Finance, Financial Forecasting, Scientific Computation, High Performance Computing, Parallel and Distributed Computing, Visualization, Problem Solving Environments, Software Tools, Advanced Numerical Algorithms, Modelling and Simulation of Complex System, Web-based Simulation and Computing, Grid-based Simulation and Computing, Computational Grids, Fuzzy Logic, Hybrid Computational Methods, Data Mining and Information Retrieval, Virtual Reality, Reliable Computing, Image Processing, Computational Science and Education etc.

Information: Secretary ICCMSE 2005 (Mrs Eleni Ralli-Simou), email: iccmse@uop.gr, 26 Menelaou Street, Amfithea Paleon Faliron, GR-175 64, Athens, Greece, fax: +30210 94 20 091 or + 30 2710 237397.

24–26 **SIAM Conference on Mathematics for Industry: Challenges and Frontiers**, Detroit Marriott Renaissance Center, Detroit, Michigan. (Apr. 2005, p. 477)

Information: SIAM's conference on Mathematics for Industry focuses attention on the many and varied opportunities to promote applications of mathematics to industrial problems. Since the SIAM community encompasses enormous talent for integrating and enriching both industrial work and academic research, this conference will stress interactions within the context of mathematical models and complex systems, and will encourage other mathematical themes of interest to industry, government, business and finance.

Information: <http://widen@siam.org>.

24–28 **International Conference on Computing and Mathematical Modeling for Environmental, Social-Economical, and Technical Systems–2005**, East China Normal University, Shanghai, China. (Apr. 2005, p. 477)

Topics: Include, but not limited to: Computing and Modeling of Earth Systems, Coastal and Marine Systems, GIS and Spatial Models, Neural Networks, Statistics and Statistical Modeling, Fuzzy Sets and Systems, Numerical Methods and Applications, Optimization and Decision Making, Environmental Modeling, Allocation of Resources, Mathematics and Computing of Robotics, Sensors and Measurement, Distance Learning and Educational technologies, Mathematics and Science Education.

Information: <http://sci.tamucc.edu/~icmcm/index.html>.

27–28 **DIMACS Workshop on Disease Clusters**, DIMACS Center, CoRE Bldg, Rutgers University, Piscataway, New Jersey. (Aug. 2005, p. 786)

Description: Disease clusters, defined as local excesses of disease in space, time or space and time, represent an important but vexing problem in public health. The workshop will bring together mathematicians, biostatisticians, epidemiologists and public health

officials to develop an approach that, while statistically rigorous, is able to address the concerns of the public.

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

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

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

28–30 **Applications of Methods of Stochastic Systems and Statistical Physics in Biology**, University of Notre Dame, Notre Dame, Indiana. (Aug. 2005, p. 786)

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

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

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

30–November 3 **SIAM**, Hilton Phoenix East, Phoenix, Arizona. (May 2005, p. 570)

Information: The Call for Presentations deadlines for GD05 are fast approaching.

Deadline Dates: Minisymposium proposals: April 1, 2005; Abstracts for all contributed and minisymposium presentations: May 2, 2005.

Conference Webpage: <http://www.siam.org/meetings/gd05/>. For additional information, contact SIAM Conference Department at meetings@siam.org.

November 2005

4–6 **Geometric and Probabilistic Methods in Group Theory and Dynamical Systems**, Texas A & M University, College Station, Texas. (Apr. 2005, p. 477)

Organizers: Rostislav Grigorchuk, Gilles Pisier, Zoran Sunik.

Participants: M. Bestvina, M. Bridson, P. Diaconis, A. Eskin, B. Farb, E. Ghys, C. Gordon, E. Guentner, I. Kapovich, A. Katok, S. Katok, A. Lubotzky, S. Mozes, A. Olshanskii, S. Popa, A. Reid, L. Saloff-Coste, M. Sapir, K. Vogtmann, E. Zelmanov

Deadlines: Abstracts and Registration August 31, 2005, Financial Support July 31, 2005.

Information: <http://www.math.tamu.edu/~sunik/05tamu>.

7–11 **IMA Workshop: Frontiers in Imaging**, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, Minnesota. (Jan. 2005, p. 82)

Organizers: Alberto Grunbaum (University of California, Berkeley), Dennis Healy (University of Maryland).

Information: Institute for Mathematics and its Applications, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, MN 55455; phone: 612-624-6066; email: visit@ima.umn.edu or; <http://www.ima.umn.edu/imaging/fall/W11.7-11.05.html>.

* 10–13 **Quantum Transport and Excitations from Macro to Nanoscale: Theory and Applications**, Aalborg University, Aalborg,

Denmark.

Description: The workshop is intended to boost the collaboration between physicists and mathematicians working on different aspects of quantum transport in quantum mechanics. We plan to blend talks given by mathematicians, theoretical and experimental physicists.

Topics: Will range among nonequilibrium statistical mechanics, spectral theory of interacting fermionic systems, density functional theory, singular perturbation theory, and enhanced excitonic effects in nanoscopic systems. The ultimate goal is a better theoretical understanding of various transport coefficients which can be measured in experiments.

Information: <http://www.math.aau.dk/~cornean/workshop/>.

12-13 **AMS Western Section Meeting**, University of Nebraska, University of Oregon, Eugene, Oregon. (Dec. 2004, p. 1379)

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

13-16 **INFORMS Annual 2005 Meeting**, New Orleans Marriott & Sheraton New Orleans, New Orleans, Louisiana. (Aug. 2005, p. 786)

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

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

17-20 **Analysis and related topics**, Lviv Ivan Franko National University, Lviv, Ukraine. (Aug. 2005, p. 786)

Description: The conference is devoted to the S. Mazur centennial, W. Lyantse's 85th anniversary and A. Gol'dberg's 75th anniversary.

Topics: The following topics will be presented at the conference: complex analysis; functional analysis; topological algebra; history of Lviv mathematics.

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

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

Deadline: October 15, 2005.

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

25-December 1 **Reform, Revolution and Paradigm Shifts in Mathematics Education**, Johor Bharu, Southern Malaysia (very close to Singapore). (Feb. 2005, p. 291)

Organizer: Mathematics Education into the 21st Century Project.

Program: November 25th: Arrivals & Welcome Reception (7.00 on). Includes food and drink. November 26th: First Working Day. Includes Official Opening Ceremony, Open Forum of Ideas. November 27 or 28: All-day Conference Excursion to Malacca. November 30th: Gala Dinner. December 1st: Last working day, morning only, lunch and farewells.

Working Sessions: Plenary Speeches, Paper Presentations, Working Group Meetings.

Workshops: Open Forum of Ideas, SuperCourse Meetings for General Information and for Writers.

Information: Alan Rogerson; email: arogerson@inetia.pl.

27-30 **ICDM '05: The 5th IEEE International Conference on Data Mining**, New Orleans, Louisiana. (Jun/Jul. 2005, p. 672)

Description: The conference draws researchers and application developers from a wide range of data mining related areas such as statistics, machine learning, pattern recognition, databases and data warehousing, data visualization, knowledge-based systems and high performance computing. As an important part of the conference, the workshops program will focus on new research challenges and initiatives, and the tutorials program will cover emerging data mining technologies and the latest developments in data mining.

Sponsor: IEEE Computer Society.

Deadline: June 15, 2005.

Important Dates: June 15, 2005: Paper submissions, Tutorial proposals, Workshop proposals, Panel proposals. August 20, 2005: Paper acceptance notices. September 7, 2005: Final camera-readies. November 27, 2005: Tutorials and Workshops. November 28-30, 2005: Conference.

All paper submissions will be handled electronically. Detailed instructions are provided on the conference home page at <http://www.cacs.louisiana.edu/~icdm05/>.

Information: Vijay Raghavan, University of Louisiana, Lafayette, Louisiana; phone: 337-482-6603; fax: 337-482-5791; email: raghavan@cacs.louisiana.edu.

27-30 **Understanding and Creating Music: UCM 2005**, Caserta, Italy. (Jun/Jul. 2005, p. 672)

Topics: The subject of the UCM 2005 is Music, investigated by different approaches, namely: Mathematics, Physics; Artificial Intelligence; Cognitive Psychology of Music; Linguistics and Logic models; Algorithmic methods, sound granular synthesis etc.; Music performance via real-time devices and algorithmic procedures; Music and Fine Arts via computer graphics.

Program: The scientific programme will consist of 5 thematic sessions with plenary lectures (invited speakers) and contributed talks. On November 26, 2005, there will be a concert of electronic and computer music.

Information: More information (aims, committees, contributing institutions, submissions, deadlines, etc.) is available at the UCM 2005 Conference website: <http://www.unina2.it/capirelamusica.sun/>.

28-December 3 **International Conference on Operator Algebras and their Connection to Mathematical Physics**, University Hassan I, Settat, Morocco. (Jun/Jul. 2005, p. 672)

Information: <http://www.math.uni-muenster.de/math/inst/reine/inst/cuntz/icoamp/index.htm>.

December 2005

5-9 **IMA Workshop: Integration of Sensing and Processing**, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, Minnesota. (Jan. 2005, p. 82)

Organizers: David Brady (Duke University), Dennis Healy (University of Maryland).

Information: Institute for Mathematics and its Applications, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, MN 55455; phone: 612-624-6066; email: visit@ima.umn.edu; <http://www.ima.umn.edu/imaging/fall/W12.5-9.05.html>.

5-9 **30th Australasian Conference in Combinatorial Mathematics and Combinatorial Computing (30ACCMCC)**, The University of Queensland, Brisbane, Australia. (May 2005, p. 570)

Invited Speakers: Simon Blackburn, Royal Holloway, University of London, U.K.; Matthew Brown, The University of Adelaide, Australia; Mike Grannell, The Open University, U.K.; Lily Khadjavi, Loyola Marymount University, U.S.A.; Curt Lindner, Auburn University, U.S.A.; Brendan McKay, The Australian National University, Canberra; Wal Wallis, Southern Illinois University, Carbondale, U.S.A.

Contributed talks are welcome in all areas of combinatorics, graph theory, combinatorial computing and applications.

Deadline: A closing date for abstracts and registration will be announced later; this will be around late October 2005.

Information: <http://www.maths.uq.edu.au/cdmc/30accmcc.html>. Email the Director at ejb@maths.uq.edu.au for further information, or check the conference web page.

12-15 The Second International Conference on Technology, Knowledge and Society, Hyderabad, India. (Jun/Jul. 2005, p. 672)

Description: The conference will take a broad and cross-disciplinary approach to technology in society. With a particular focus on digital information and communications technologies, the interests addressed by the conference include: human usability, technologies for citizenship and community participation, and learning technologies. Participants will include researchers, teachers and practitioners whose interests are either technical or humanistic, or whose work crosses over between the applied technological and social sciences.

As well as an impressive line up of international main speakers, the conference will also include numerous paper, workshop and colloquium presentations. We would particularly like to invite you to respond to the conference call for papers. If you are unable to attend the conference in person, virtual registrations are also available which allow you to submit a paper for refereeing and possible publication in this fully refereed academic journal, as well as access to the electronic version of the conference proceedings.

Information: Full details of the conference, including an online call for papers form, are to be found at the conference website: <http://www.Technology-Conference.com>.

12-16 Intersection of Arithmetic Cycles and Automorphic Forms, Centre de recherche mathématiques, Université de Montréal, Montréal, Québec, Canada. (Apr. 2005, p. 477)

Purpose: To explore the relationship between intersection numbers for arithmetic cycles on Shimura varieties, Fourier coefficients of automorphic forms, and special values of L-functions.

Organizers: Eyal Goren (McGill) and Henri Darmon (McGill).

Information: <http://www.crm.umontreal.ca/Number2005/>.

* **12-16 The Modeling of Cancer Progression and Immunotherapy**, AIM Research Conference Center, Palo Alto, California.

Workshop topics: This workshop, sponsored by AIM and the NSF, will bring together a multidisciplinary collection of experts to work on refining mathematical models of cancer growth, therapy delivery, and cancer interaction with the immune system. A central goal of the workshop will be to combine state of the art knowledge of immune-related treatment strategies with mathematical models that can reflect realistic qualitative and quantitative behavior of cancer growth and response to treatment.

Organizers: Lisette de Pillis, Ami Radunskaya, and Charles Wiseman.

Application deadline: September 12, 2005.

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

14-16 CRAMS-05 International Conference on Applied Nonharmonic Fourier Analysis, Business & Computer, University College (BCU), Beirut, Lebanon. (Apr. 2005, p. 477)

Topics: The conference commemorates the Riemann-Lebesgue Lemma Centennial. Its major themes include, but not limited to: multidimensional localization principle, generalized Tauberian theory, time-frequency-scale multiresolution analysis, the Segal-Bargmann transform, Gabor wavelets and frames, invertibility of Gabor transforms, functional analysis of Gabor frames, almost periodic and recurrent functional analysis, reversed filtration and regularization, connections with functional equations and tiling theory, nonlinear filter theory, analysis with fractal measures, signal reconstruction in communication theory, and fast numerical algorithms.

Program Committee: A. Aldroubi, S. Cheng, S. Drahomir, H. Feichtinger, N. Haidar, P. Jorgensen, G. Ladas and C. Pearce.

Deadlines: The deadline for submitting Abstracts is June 15, 2005, for notification of acceptance is August 15, 2005, and for full-length paper submission is Sept. 15, 2005. The welcoming reception is at 7:00 p.m., Dec. 14, 2005.

Programme Committee: Akram Aldroubi, Sui Cheng, Sever Dragomir, Hans Feichtinger, Nassar Haidar, Pale Jorgensen, Gerasimos Ladas and Charles Pearce.

Information: N. H. S. Haidar, Chairman of the Organizing Committee for CRAMS-05, Business & Computer University College (BCU), Commodore Str, Hamra, Beirut, Lebanon; tel: 961 1 752 370-4, ext. 131, 961 1 736 511, fax: 961 1 340 219, email: nhaidar@suffolk.edu, crams@bcucrams.org, basicsscience@hu.edu.lb; and website: <http://www.bcucrams.org/conference.html>.

27-30 ASL Winter Meeting (with APA), New York, New York. (Jun/Jul. 2005, p. 673)

Abstracts: Must be received by September 9, 2005 at the ASL Business Office: ASL, Box 742, Vassar College, 124 Raymond Ave., Poughkeepsie, New York 12604; fax: 1-845-437-7830; email: asl@vassar.edu.

15-January 31, 2006 Semidefinite Programming and its Applications, Institute for Mathematical Sciences, National University of Singapore, Singapore. (Apr. 2005, p. 477)

Program: Will provide a forum for the exchange of ideas among researchers working in theory, applications, algorithms, and software development of SDP.

The program will consist of tutorials and workshops with ample opportunities for collaborative research among local and international participants.

Organizing Committee: Chair: Michael Todd (Cornell University). Co-chairs: Jie Sun (National University of Singapore) and Kim-Chuan Toh (National University of Singapore).

Information: For general enquiries, please email ims@nus.edu.sg. For enquiries on scientific aspects of the program, please email Kim-Chuan Toh, mattohkc@nus.edu.sg. Completed forms should be received by the Institute at least one month before commencement of each activity. Registration is free of charge. Institute membership is not required for participation. Information about the program and registration forms are available at the website <http://www.ims.nus.edu.sg/Programs/semidefinite/index.htm>.

January 2006

* **2-5 International Conference on Geometric Function Theory, Special Functions and Applications**, Conference Hall, Hotel Sur-guru, 104, SAardar Vallabai Patel Road, Pondicherry-605 001, India.

Information: Convener, Bharathidasan Govt. College for Women, Pondicherry-605 003, India; email: narachandra@yahoo.com; Phone: (off) (0413) 2338504 (Res) (0413) 2339204.

2-5 Mathematics in the Twentieth Century: In Commemoration of the Birth Centenary of André Weil, Delhi, India. (Aug. 2005, p. 786)

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

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

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

3-7 Moduli spaces of knots, AIM Research Conference Center, Palo Alto, California. (Jun/Jul. 2005, p. 673)

Topics: This workshop, sponsored by AIM and the NSF, will be devoted to the study of the global topology of spaces of embedded curves in Euclidean spaces and other manifolds.

Organizers: Fred Cohen, Allen Hatcher, and Dev Sinha.

Deadline: October 3, 2005.

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

6-11 Enumerative invariants in algebraic geometry and string theory, Cetraro, Italy. (Jun/Jul. 2005, p. 673)

Lecture series: Dan Abramovich (Brown): Gromov-Witten invariants for orbifolds; Marcos Mariño (CERN): Open strings; Michael Thaddeus (Columbia): Moduli of sheaves; Ravi Vakil (Stanford): Gromov-Witten theory and the moduli space of curves.

Information: <http://www.math.unifi.it/~cime/Courses/2005/01.html>.

9-12 IMA Workshop: New Mathematics and Algorithms for 3-D Image Analysis, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, Minnesota. (Jan. 2005, p. 82)

Organizers: Les Butler (Louisiana State University), Gestur Olafsson (Louisiana State University), Todd Quinto (Tufts University).

Information: Institute for Mathematics and its Applications, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, MN 55455; phone: 612-624-6066; email: visit@ima.umn.edu; <http://ima.umn.edu/imaging/spring/W1.9-12.06.html>.

9-June 30 Principles of the Dynamics of Non-Equilibrium Systems, Isaac Newton Institute for Mathematical Sciences, Cambridge, England. (Aug. 2004, p. 835)

Description: The collective behaviour of nonequilibrium systems is poorly understood compared to systems in thermal equilibrium, for which statistical mechanics provides a well-established theory. By nonequilibrium systems we refer both to systems held far from thermal equilibrium by an external driving force and the complimentary situation of systems relaxing towards thermal equilibrium. Such systems display a broad range of phenomena, such as phase transitions and slow collective dynamics, which one would like to understand at a deeper level. The study of nonequilibrium systems has arisen in many different contexts, such as reaction-diffusion processes, interacting particle systems, driven diffusive systems, and the slow dynamics of glassy systems. In recent years progress has been made towards better understanding these systems. Mathematical tools have been developed, and some exact results pertaining to specific systems have been derived. These developments bring us closer to the point where one can address fundamental questions of generality, both of techniques and results. It is anticipated that bringing together the different communities of physicists and mathematicians working in this diverse field will foster the emergence of new directions and outlooks.

Focus: Driven diffusive systems of interacting particles; coarsening and persistence; glassy, constrained dynamics and ageing. Although all three of these areas will be explored throughout the programme, it is intended that there will be periods of focus on each, centered around topical workshops.

Organizers: M.R. Evans (Edinburgh), S. Franz (ICTP, Trieste), C. Godreche (SPEC, Saclay), D. Mukamel (Weizmann Inst.).

Information: <http://www.newton.cam.ac.uk/programmes/PDS/>; Isaac Newton Institute for Mathematical Sciences, 20 Clarkson Road, Cambridge, CB3 0EH, U.K.; tel.: +44 1223 335999, fax.: +44 1223 330508; email: info@newton.cam.ac.uk.

12-15 Joint Mathematics Meetings, San Antonio, Texas. (May 2005, p. 570)

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

14-15 ASL Winter Meeting (with Joint Mathematics Meetings), San Antonio, Texas. (Jun/Jul. 2005, p. 673)

Abstracts: Must be received by September 9, 2005 at the ASL Business Office: ASL, Box 742, Vassar College, 124 Raymond Ave., Poughkeepsie, New York 12604; fax: 1-845-437-7830; email: asl@vassar.edu.

16-18 5th Annual Hawaii International Conference on Statistics, Mathematics, and Related Fields, Waikiki, Honolulu, Hawaii. (Jun/Jul. 2005, p. 673)

Goal: Of the 2006 Hawaii International Conference on Statistics, Mathematics and Related Fields is to provide an opportunity for academicians and professionals from various statistics and/or mathematics related fields from all over the world to come together and learn from each other. An additional goal of the conference is to provide a place for academicians and professionals with cross-disciplinary interests related to statistics and mathematics to meet and interact with members inside and outside their own particular disciplines.

Deadline: August 29, 2005.

Information: On on web: click on Call for Papers for information on submitting a paper; email: statistics@hicstatistics.org.

16-20 Random analytic functions, AIM Research Conference Center, Palo Alto, California. (Aug. 2005, p. 787)

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

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

Application deadline: October 15, 2005.

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

16-27 "Propagation of Waves" CIMPA school and workshop, Instituto de Matemáticas, UNAM, Cuernavaca, Mexico. (Apr. 2005, p. 478)

Description: 6 minicourses, 10 invited lectures, contributed talks.

Organizers: Luz de Teresa, Salvador Pérez Esteva, Carlos Villegas, Arturo Portnoy.

Deadline: October 30, 2005.

Information: <http://www.matem.unam.mx/escuelaCIMPA>; <http://www.cimpa-icpam.org/index.html>.

16-July 7 Logic and Algorithms, Isaac Newton Institute for Mathematical Sciences, Cambridge, England. (Aug. 2004, p. 835)

Description: Theoretical computer science is broadly divided into disciplines dealing with logic, semantics and formal methods on the one hand, and algorithmics and computational complexity on the other. The programme will focus on active areas of research that cut across this divide, dealing with algorithmic and complexity aspects of logic as well as logical methods in complexity. Among the areas of focus are computer-aided verification, specifically dealing with algorithms and structures for verifying properties of computing system and the logical, combinatorial, and algebraic methods deployed in their study.

Organizers: A. Dawar (Cambridge), M.Y. Vardi (Rice).

Information: <http://www.newton.cam.ac.uk/programmes/LAA/>; Isaac Newton Institute for Mathematical Sciences, 20 Clarkson Road, Cambridge, CB3 0EH, U.K.; tel.: +44 1223 335999, fax.: +44 1223 330508; email: info@newton.cam.ac.uk.

22-24 ACM-SIAM Symposium on Discrete Algorithms (SODA), Radisson Hotel Miami, Miami, Florida. (Aug. 2005, p. 787)

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

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

23–27 **The property of rapid decay**, AIM Research Conference Center, Palo Alto, California. (Jun/Jul. 2005, p. 673)

Organizers: Indira Chatterji and Laurent Saloff-Coste.

Topics: This workshop, sponsored by AIM and the NSF, will be devoted to the property of Rapid Decay.

The property of Rapid Decay (abbreviated by property RD) is a property of convolution operators that captures certain aspects of the asymptotic geometry of a finitely generated group. Property RD is a very focused area of research in harmonic analysis and operator algebra. However, it has ramifications in geometry, topology and algebra

Deadline: October 20, 2005.

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

* 23–28 **C^* -algebras and elliptic theory. II**, Banach Center, Bedlewo, Poland.

Main topics: K -theory of C^* -algebras, index theory, noncommutative geometry, algebras of pseudodifferential operators on singular manifolds, infinite Grassmannians and Fredholm pairs, deformation quantization.

Information: <http://higeom.math.msu.su/bedlewo2006/>.

Organizing Committee: Bogdan Bojarski, Grzegorz Lysik, Alexander Mishchenko (chairman) and Evgenij Troitsky.

Scientific Committee: P. Baum, D. Burghelea, P. Hajac, R. Melrose, A. Mishchenko, V. Nistor, B.-W. Schulze, N. Teleman, E. Troitsky, S. Woronowicz.

30–February 3 **Mathematics-in-Industry Study Group 2005**, Massey University, Auckland, New Zealand. (Jun/Jul. 2005, p. 673)

Program: Australian and New Zealand Industrial Organisations will present problems for formulation, possible solution, and interpretation.

Director: Professor Graeme Wake, Centre for Mathematics in Industry, Massey university, Auckland, New Zealand.

Deadlines: Problems will be listed on the website by November 2005. Registration is free to problem investigators, with costs covered by problem presenters. Student grants available to bona fide research students, supported by their supervisors. Applications received up to November 2005.

Information: <http://misg2006.massey.ac.nz>.

30–February 3 **The Caccetta-Haggkvist conjecture**, AIM Research Conference Center, Palo Alto, California. (Jun/Jul. 2005, p. 673)

Organizers: Maria Chudnovsky, Matt Devos, Paul Seymour, and Robin Thomas.

Topics: This workshop, sponsored by AIM and the NSF, will focus on the Caccetta-Haggkvist conjecture, which in its simplest form asserts the following: If G is an n -vertex directed graph with minimum outdegree at least n/k , then G has a directed cycle of length at most k . This has a number of variants and strengthenings, and in particular it has numerous connections with additive number theory. The workshop aims to clarify and develop these variants, and to bring together people working on different aspects of the conjecture in the hope of finding a solution.

Deadline: October 30, 2005.

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

February 2006

6–10 **IMA Workshop: The Mathematics and Art of Film Editing and Restoration**, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, Minnesota. (Jan. 2005, p. 82)

Organizers: Guillermo P. Sapiro (University of Minnesota), Lance J. Williams (Applied Minds, Inc.), Andrew Zisserman (University of Oxford).

Information: Institute for Mathematics and its Applications, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis,

MN 55455; phone: 612-624-6066; email: visit@ima.umn.edu; <http://www.ima.umn.edu/imaging/spring/W2.6-10.06.html>.

13–17 **Barcelona Conference in Planar Vector Fields**, Centre de Recerca Matemàtica, Bellaterra, Spain. (Jun/Jul. 2005, p. 673)

Speakers: Freddy Dumortier, Lubomir Gavrilov, Yu Ilyashenko, Chengzhi Li, Francesc Mañosas, James S. Muldowney, Robert Roussarie, Marco Sabatini, Jorge Sotomayor, Marco Antonio Teixeira, Jiazhong Yang, Michal Zhitomirskii.

Information: <http://www.crm.es/> or email: PlanarVectorFields@crm.es.

* 13–17 **Mathematical and Geophysical Fluid Dynamics**, AIM Research Conference Center, Palo Alto, California.

Organizers: Boris Rozovskii, Roger Temam, and Joseph Tribbia.

Workshop topics: This workshop, sponsored by AIM and the NSF, will bring together experts in the deterministic and stochastic dynamics of fluids and gases with experts in geosciences who work on numerical simulations of large scale models of climate and related subsystems. The main goal of the workshop is to facilitate transfer of recent advances in mathematical and computational Fluid Dynamics to the geophysical community involved in the modeling of the ocean and atmosphere, and to stimulate new developments in both areas.

Deadline: November 1, 2005.

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

13–18 **L-functions and Related Themes**, Centre de recherche mathématiques, Univ. de Montréal, Montréal, Québec, Canada. (Apr. 2005, p. 478)

Focus: The workshop will focus on the analytic theory of L -functions and how they are used in a variety of questions ranging from arithmetic geometry to classical analytic number theory.

Lecturers: Philippe Michel (Montpellier II); Kumar Murty (Toronto); K. Soundararajan (Michigan).

Organizers: Chantal David (Concordia) and Ram Murty (Queen's).

Information: <http://www.crm.umontreal.ca/Number2005/>.

20–24 **p -adic representations, modularity, and beyond**, AIM Research Conference Center, Palo Alto, California. (Jun/Jul. 2005, p. 673)

Organizers: Kiran Kedlaya and David Savitt.

Topics: This workshop, sponsored by AIM and the NSF, will be devoted to interactions between p -adic Hodge theory, p -adic Langlands correspondences, and the modularity of Galois representations. The main goals of the workshop are to clarify the connections between the aforementioned fields, and to identify some target results for both the short and long term.

Deadline: For application: November 20, 2005.

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

20–25 **Advanced Course on Arakelov Geometry and Shimura Varieties**, Centre de Recerca Matemàtica, Bellaterra, Spain. (Jun/Jul. 2005, p. 674)

Speakers: Ching-Li Chai (University of Pennsylvania), Henri Darmon (Mc Gill University), Damian Roessler (Université Paris 7).

Information: <http://www.crm.es/> or email: ShimuraVarieties@crm.es.

* 21–24 **XV International Symposium on Mathematical Methods applied to the Sciences**, San José, Costa Rica.

Topics: Data Analysis, Multivariate Statistics, Clustering and Classification Probability, Stochastic Processes, Financial Mathematics Optimization, Operations Research, Approximation, Numerical Analysis Modeling, Biomathematics Applications of the above topics.

Participation: Short courses (3 hours), Long (40 min) and short (20 min) communications; Participation only.

Registration: Please visit our website for prices and deadlines. We have special rates for Central Americans and students.

Information: <http://www.emate.ucr.ac.cr/simmac/>. At the website you may find the composition of the Scientific Committee and Organizing Committee, directions to the site of the Symposium as well as hotel, tourist and other useful information. The preliminary program will be available by the end of January, 2006. Javier Trejos (Chairman), jtrejos@cariari.ucr.ac.cr; Ivan Ruiz (Webmaster), irvieto@emate.ucr.ac.cr.

*24–27 **Lie groups: Dynamics, Rigidity, Arithmetic, in honor of Gregory Margulis' 60th birthday**, Yale University, New Haven, Connecticut.

Organizers: Andrew Casson, Dmitry Kleinbock, Alex Lubotzky, Hee Oh.

Main confirmed speakers: H. Abels, N. Alon, M. Burger, S.G.Dani, A. Eskin, H. Furstenberg, F. Grunewald, A. Katok, D. Kazhdan, E. Lindenstrauss, S. Mozes, M. S. Raghunathan, P. Sarnak, Y. Shalom, Y. T. Siu, R. Zimmer.

Information: Further details will become available on the conference website: <http://www.math.yale.edu/Margulisconf.html>.

March 2006

6–10 **IMA Workshop: Natural Images**, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, Minnesota. (Jan. 2005, p. 82)

Organizers: Organizer: Olivier Faugeras (INRIA), Jan J. Koenderink (Utrecht University), Jitendra Malik (University of California at Berkeley).

Information: Institute for Mathematics and its Applications, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, MN 55455; phone: 612-624-6066; email: visit@ima.umn.edu; <http://www.ima.umn.edu/imaging/spring/W3.6-10.06.html>.

13–17 **Anatomy of Integers**, Centre de recherche mathématiques Université de Montréal, Montréal, Québec, Canada. (Apr. 2005, p. 478)

Organizers: Jean-Marie de Koninck (Laval) and Andrew Granville (Montréal).

Workshop Focus: On multiplicative number theory, divisors, prime factors, distribution of prime divisors, multiplicative functions, smooth/friable numbers etc.

Lecturers: Kevin Ford (Urbana-Champaign); K. Soundararajan (Michigan); Gerald Tenenbaum (Institut Élie Cartan Nancy).

Information: <http://www.crm.umontreal.ca/Number2005/>.

20–30 **Functional Analysis**, Shiraz University, Shiraz, Iran. (Jun/Jul. 2005, p. 674)

Information: email: r_laghaei_84@yahoo.com.

April 2006

1–2 **AMS Southeastern Section Meeting**, Florida International University, Miami, Florida. (May 2005, p. 570)

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

3–7 **IMA Workshop: Shape Spaces**, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, Minnesota. (Jan. 2005, p. 82)

Organizers: David Mumford (Brown University), Laurent Younes (The Johns Hopkins University).

Information: Institute for Mathematics and its Applications, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, MN 55455; phone: 612-624-6066; email: visit@ima.umn.edu; <http://www.ima.umn.edu/imaging/spring/W4.3-7.06.html>.

3–8 **International Workshop on Multi-Rate Processes & Hysteresis**, University College Cork, Cork, Ireland. (Jun/Jul. 2005, p. 674)

Organizers: J. Gleeson (Cork, Ireland), M. Mortell (Cork, Ireland) (Co-Chairman), A. Pokrovskii (Cork, Ireland) (Co-Chairman); email: a.pokrovskii@ucc.ie.

Scientific Committee: R. O'Malley (Seattle, USA) (Co-Chairman), V. Sobolev (Samara, Russia), (Co-Chairman).

Description: The aim of this conference is to bring together leading researchers willing to learn and share problems and techniques related to the singular perturbations and hysteresis in applied problems.

Topics: singular perturbations; hysteresis; random effects and noise; economic dynamics; laser dynamics; chemical kinetics; optoelectronics; control.

Information: Further details will become available on the conference website <http://euclid.ucc.ie/murphys2006.htm>.

6–12 **Additive Combinatorics**, Centre de recherche mathématiques, Université de Montréal, Montréal, Québec. (Apr. 2005, p. 478)

Topics: The topics covered will include: the Freiman-Ruzsa theorem, the structure of set theory addition, Gowers' approach to Szemerédi's theorem and Green and Tao's approach to combinatorial sets with structure. A mini-school will be organized before this workshop to introduce more people to this vibrant subject. More information will be made available on this site.

Lecturers: Tim Gowers (Cambridge), Ben Green (Cambridge), Imre Ruzsa (Alfréd Rényi Institute) and Terence Tao (UCLA).

Organizers: Jozsef Solymosi (UBC) and Andrew Granville (Montréal).

Information: <http://www.crm.umontreal.ca/Number2005/>.

8–9 **AMS Central Section Meeting**, University of Notre Dame, Notre Dame, Indiana. (May 2005, p. 570)

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

22–23 **AMS Eastern Section Meeting**, University of New Hampshire, Durham, New Hampshire. (May 2005, p. 570)

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

29–30 **AMS Western Section Meeting**, San Francisco State University, San Francisco, California. (May 2005, p. 570)

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

20–May 2 **INFORMS Practice Conference: Applying Science to the Art of Business**, Hotel Intercontinental Miami, Florida. (Aug. 2005, p. 787)

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

*29–May 1 **2006 Barrett Lectures in Topology**, University of Tennessee, Knoxville, Tennessee.

Principal speakers (confirmed): John Baez (UC Riverside), Stephen Bigelow (UC Santa Barbara) and Bill Goldman (University of Maryland).

Information: email: dydak@math.utk.edu.

May 2006

5–10 **Combinatorial and Geometric Group Theory**, Vanderbilt University, Nashville, Tennessee. (Jun/Jul. 2005, p. 674)

Organizers: Goul'nara Arzhantseva, Mike Mihalik, Denis Osin, Mark Sapir, Efim Zelmanov.

Speakers: M. Bestvina (University of Utah), M. Bridson (Imperial College), R. Grigorchuk (Texas A & M), V. Guba (Vologda State University), S. Ivanov (University of Illinois), I. Mineyev (University of Illinois), A. Myasnikov (McGill University), V. Nekrashevich (Bremen), A. Olshanskii (Vanderbilt), D. Osin (Vanderbilt), E. Rips (Hebrew University of Jerusalem), D. Wise (McGill University), E. Zelmanov (UC San Diego)

Information: <http://www.math.vanderbilt.edu/~msapir/cggt/cggt.html>; email: m.sapir@vanderbilt.edu.

8-19 CANT 2006: Combinatorics, Automata and Number Theory, University of Liege, Belgium. (Jun/Jul. 2005, p. 674)

Aim: The proposed international school is aimed at presenting and developing recent trends in Combinatorics (with emphasis on Combinatorics on Words), Automata Theory and Number Theory. On the one hand, the newest results in these areas shall benefit from a synthetic exposition, and on the other hand, emphasis on the connections existing between the main topics of the school will be sought. Concurrently to the school, there will be an international conference focusing on the same topics. Courses and lectures will be organized in the morning, while the afternoon sessions will be devoted to the conference.

Main Invited Speakers: J.-P. Allouche (CNRS, Univ. Paris-Sud), Y. Bugeaud (Univ. of Strasbourg), F. Durand (Univ. of Picardie, Amiens), P. Grabner (Techn. Univ. of Graz), J. Karhumaki (Turku Univ.), H. Prodinger (Univ. of Stellenbosch), J. Sakarovitch (CNRS, ENS Télécom.), J. Shallit (Univ. of Waterloo), B. Solomyak (Univ. of Washington), W. Thomas (RWTH Aachen).

Format: Five invited lecturers per week. Participants can decide to attend to one of the two weeks of this event. Talks will be selected on the basis of an extended abstract (max. 6 pages).

Deadline: For the submission of abstracts: April 1, 2006.

Information: <http://http://www.cant2006.ulg.ac.be>; email: M. Rigo@ulg.ac.be.

13-18 Analytic methods for Diophantine equations, Banff International Research Station, Banff, Alberta, Canada. (Apr. 2005, p. 478)

Description: This meeting brings together the participants of the MSRI and CRM workshops. The meeting will be held at the Banff International Research Station.

Organizers: Andrew Granville (Montréal), Yuri Tschinkel (Göttingen), Michael Bennett (UBC), Chantal David (Concordia) and Bill Duke (UCLA).

Information: email: paradis@crm.umontreal.ca.

* **17-19 Conference of Applied Statistics in Ireland**, University College Cork, Cork, Ireland.

Information: Details to follow; email: kingshuk@stat.ucc.ie.

17-21 ASL Annual Meeting, Montreal, Canada. (Jun/Jul. 2005, p. 674)

Abstracts: Must be received by February 10, 2006 at the ASL Business Office: ASL, Box 742, Vassar College, 124 Raymond Ave., Poughkeepsie, New York 12604; fax: 1-845-437-7830; email: asl@vassar.edu.

22-26 IMA Workshop: Visual Learning and Recognition, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, Minnesota. (Jan. 2005, p. 82)

Organizers: Donald Geman (Johns Hopkins University), Jitendra Malik (University of California at Berkeley), Shimon Ullman (Weizmann Institute of Science).

Information: Institute for Mathematics and its Applications, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, MN 55455; phone: 612-624-6066; email: visit@ima.umn.edu; <http://www.ima.umn.edu/imaging/spring/W5.22-26.06.html>.

* **24-26 International Workshop on Post-Quantum Cryptography**, Katholieke Universiteit Leuven, Belgium.

Deadline: Submission of extended abstracts: April 3, 2006.

Information: <http://postquantum.cr.jp.to/>.

June 2006

12-15 2006 International Conference on Applied Mathematics and Interdisciplinary Research-Nankai, Nankai University, Tianjin, P. R. China. (May 2005, p. 570)

Information: The website of the meeting is at <http://www.isam.nankai.edu.cn>. Please check out the website for further information.

12-16 Function Theories in Higher Dimensions, Tampere University of Technology, Tampere, Finland. (Jun/Jul. 2005, p. 674)

Topics: Clifford analysis and applications, Several complex variables, Harmonic analysis.

Organizing committee: Professor Sirkka-Liisa Eriksson, Tampere University of Technology, Finland; Heinz Leutwiler, Universität Erlangen-Nuernberg, Germany; Helmuth Malonek, University of Aveiro, Portugal; Mika Koskenoja, University of Helsinki, Finland; Soeren Kraussnar, University of Ghent, Belgium; Katja Kaunismaa (Secretary), Tampere University of Technology, Finland.

Information: The home pages of the conference will be updated at the following address: <http://www.tut.fi/fthd>.

19-23 Free Analysis, AIM Research Conference Center, Palo Alto, California. (Jun/Jul. 2005, p. 674)

Organizers: Dimitri Shlyakhtenko and Dan Voiculescu.

Topics: This workshop, sponsored by AIM and the NSF, will be devoted to the non-commutative analysis underlying problems in areas related to free probability theory. Typical examples of these are L2 questions for free difference quotient derivations. The topics of the workshop are: Free entropy (the analog of entropy in free probability theory), L2 Betti numbers for von Neumann algebras, Large deviations for random multi-matrix systems.

Deadline: March 19, 2006.

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

* **19-23 Modern stochastics: theory and applications**, Kyiv National Taras Shevchenko University, Kyiv, Ukraine.

Description: Conference is dedicated to the 60th anniversary of Department of Probability Theory and Mathematical Statistics of Kyiv University and to the memory of Professor M. I. Yadrenko (16.04.1932-28.09.2004)

Topics: Theory of random processes and fields, stochastic analysis, stochastic differential equations, infinite-dimensional analysis, Markov and semi-Markov processes, Gaussian and related processes, fractal analysis, statistics of stochastic processes, limit theorems, methods of financial mathematics and risk theory.

Speakers: E. Ahmed (Canada), C. Bender (Germany), A. Gushchin (Russia), J. Hunter (New Zealand), N. Leonenko (UK), I. Norros (Finland), D. Silvestrov (Sweden), C. Tudor (France), A. Veretennikov (UK), S. Zwanzig (Sweden).

Information: Department of Probability Theory and Mathematical Statistics, Faculty of Mechanics and Mathematics, Kyiv National Taras Shevchenko University, Volodymyrska 64, 01033, Kyiv, Ukraine. Contact: Prof. Yuliya Mishura; email: prob.conf.2006@univ.kiev.ua; Phone/Fax: (+38)(044) 259 03 92; <http://www.mechmat.univ.kiev.ua/probability/Events/2006/informletterengl.html>.

21-23 ICNPAA-2006: Mathematical Problems in Engineering and Aerospace Sciences, Budapest, Hungary. (May 2005, p. 570)

Contact and Information: ICNPAA-2006, S. Sivasundaram, 104 Snow Goose Ct., Daytona Beach, FL 32119; email: info@icnpaa.com, seenithi@aol.com; <http://www.icnpaa.com>.

25-28 INFORMS International Hong Kong 2006, Sheraton Hotel & Towers Hong Kong, Hong Kong, China. (Jun/Jul. 2005, p. 674)

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

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

25–28 **The Sixth AIMS Conference on Dynamical Systems, Differential Equations and Applications**, University of Poitiers, Poitiers, France. (Jun/Jul. 2005, p. 674)

Description: The conference will provide a unique international forum for the international community of mathematicians and scientists working in analysis, differential equations, dynamical systems, and their applications to real world problems in the forms of modeling and computation. The aim of this conference is to bring together the worldwide senior experts and young researchers as well to this beautiful city, Poitiers, to report recent achievements, exchange ideas, and address future trends of research, in a relaxing and stimulating environment. This is the first time ever for an AIMS conference to be held in the European continent. Sponsors: American Institute of Mathematical Sciences (AIMS) and University of Poitiers.

Topics: The conference covers all the major research areas in analysis, dynamics and applications including modeling and computations.

Format: There will be one-hour plenary talks, 30-minute special session talks, and 20-minutes contributed talks.

Conference Coordinator: Xin Lu; email: lux@uncw.edu.

Plenary speakers: A. Bressan (USA), O. Diekmann (Netherlands), P.-L. Lions (France), A. Mielke (Germany), M. Mimura (Japan), P. Polacik (USA), P. Pucci (Italy), B. Sandstede (UK), L. Wen (China).

Funding: Some limited funding from NSF is expected to support graduate students and young researchers.

Information: <http://www.aimsciences.org> for updates.

*26–30 **Calibrations**, AIM Research Conference Center, Palo Alto, California.

Workshop topics: This workshop, sponsored by AIM and the NSF, will be devoted to problems in calibrated geometry related to mirror symmetry and gauge theory. Some specific topics to be discussed include: Calibrated cycles and mirror symmetry; Calibrated geometry and gauge Theory; Moduli spaces of calibrated cycles.

Organizers: Robert Bryant, Xiaobo Liu, and Pit-Mann Wong.

Application deadline: March 26, 2006.

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

27–July 3 **International Commission on Mathematical Instruction: Challenging Mathematics In and Beyond the Classroom**, Trondheim, Norway. (Apr. 2005, p. 478)

Scope: The scope of this study will be wide. It will look at, for instance, the impact of mathematical challenges both inside and outside of the classroom, the role of mathematical challenges in supporting the curriculum for students of all levels of ability, vehicles for propagating mathematical challenges and assessment of their effectiveness. We would like to emphasize that we are interested in students and activities of all type, and want to go far beyond contests for talented students.

Discussion document: Has been prepared by an international committee chaired by Ed Barbeau of the University of Toronto (barbeau@math.utoronto.ca) and Peter Taylor of the University of Canberra in Australia who is the executive-director of the Australian Mathematical Trust (pjt@olympiad.org). This document defines terms, describes issues, provides sample situations, and poses questions for discussion. Finally, it indicates how to become involved in the Study Conference. Would-be participants will be asked to submit a brief curriculum vita and a 6-10 page document addressing matters relevant to the study no later than August 31, 2005. The committee plans to send out invitations by January 31, 2006. The Conference will be followed by a publication.

A copy of the discussion document can be obtained by going to the website <http://www.amt.canberra.edu>, clicking on "LINKS" and then on "ICMI Study 16".

Deadline: August 31, 2005.

Information: <http://www.amt.canberra.edu/icmis16.html/>.

July 2006

2–7 **ICOTS 7, Working Cooperatively in Statistics Education**, Salvador (Bahia), Brazil. (Mar. 2004, p. 361)

Topics: (1) Working cooperatively in statistics education: L. Cordani (Brazil), lisbethk@terra.com.br; M. Shaughnessy (USA), mike@math.pdx.edu; (2) Statistics Education at the School Level: D. Ben-Zvi (Israel), dbenzvi@univ.haifa.ac.il; L. Pereira (Singapore), lpereira@nie.edu.sg; (3) Statistics Education at the Post Secondary Level: M. Aliaga (USA), aliaga@umich.edu; E. Svensson (Sweden), elisabeth.svensson@esi.oru.se; (4) Statistics Education/Training and the Workplace: P. Silva (Brazil), pedrosilva@ibge.gov.br; P. Martín (Spain), pilar.guzman@uam.es; (5) Statistics Education and the Wider Society: B. Phillips (Australia), bphillips@groupwise.swin.edu.au; P. Boland (Ireland), Philip.J.Boland@ucd.ie; (6) Research in Statistics Education: C. Reading (Australia), creading@metz.une.edu.au; M. Pfannkuch (New Zealand), pfannkuc@scitec.auckland.ac.nz; (7) Technology in Statistics Education: A. Blejec (Slovenia), andrej.blejec@uni-lj.si; C. Konold (USA), konold@srri.umass.edu; (8) Other Determinants and Developments in Statistics Education: T. Chadjiadelis (Greece), chadji@polsci.auth.gr; B. Carlson (USA), bcarlson@eclac.cl; (9) An International Perspective on Statistics Education: D. North (South Africa), delian@icon.co.za; A. S. Haedo (Argentina), haedo@qb.fcen.uba.ar; (10) Contributed Papers: J. Engel (Germany), Engel_Joachim@ph-ludwigsburg.de; A. Mc Lean (Australia), alan.mclean@buseco.monash.edu.au; (11) Posters: C. E. Lopez (Brazil), celilopes@directnet.com.br.

Information: C. Batanero, batanero@ugr.es; <http://www.maths.otago.ac.nz/icots7>.

7–8 **Second International Conference on Nonsmooth/Nonconvex Mechanics with Applications in Engineering**, Faculty of Engineering, Aristotle University, Thessaloniki, Greece. (Apr. 2005, p. 478)

Conference Topics: Contact Mechanics-Friction & stick-slip effects, Elastoplasticity-Shakedown-Limit Analysis, Convex Analysis and Mechanics, Nonsmooth Analysis and Optimization, Nonconvex Mechanics and Duality, Variational, quasivariational and hemivariational inequalities, Energy methods in Mechanics and Structural Analysis, Nonsmooth Dynamics, Structural Optimization, Structural Control and Identification, Computational Mechanics, Applications, Mathematical Analysis and Approximation results, Innovative topics (like Chaotic behaviour, Fractal approximation, Neural Networks etc.)

Deadlines: Submission of Abstract by May 1, 2005. Preliminary acceptance by July 30, 2005. Submission of full paper by February 28, 2006.

Conference Organizer: c/o Professor C. C. Baniotopoulos, Institute of Steel Structures, Department of Civil Engineering, Aristotle University, GR-54124 Thessaloniki, Greece, tel.: +30 2310 99 5753 Fax: +30 2310 99 5642, email: nnmae2006@civil.auth.gr.

Information: <http://www.civil.auth.gr/nnmae2006/>.

10–14 **International Conference on Analytic Topology**, Lake Plaza Hotel, Rotorua, New Zealand. (Apr. 2005, p. 478)

Description: The main goal of this conference is to bring together a group of researchers from around the world, who are working at the interface between Topology and Analysis, to discuss recent developments and future directions of Analytic Topology.

Organizers: Warren B. Moors (Auckland University, email: moors@math.auckland.ac.nz); and Jiling Cao (Auckland University, email: cao@math.auckland.ac.nz).

Information: <http://www.math.auckland.ac.nz/~cao/conference06.html>.

10–14 **Ninth International Conference on p-adic functional analysis**, University of Concepcion, Concepcion, Chile. (Aug. 2005, p. 787)

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

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

17–August 11 **Spectral Theory and Partial Differential Equations**, Isaac Newton Institute for Mathematical Sciences, Cambridge, England. (Aug. 2004, p. 835)

Organizers: M. van den Berg (Bristol), B. Helffer (Orsay), A. Laptev (Stockholm), A.V. Sobolev (Sussex).

Information: <http://www.newton.cam.ac.uk/programmes/STP/>; Isaac Newton Institute for Mathematical Sciences, 20 Clarkson Road, Cambridge, CB3 0EH, U.K.; tel.: +44 1223 335999, fax.: +44 1223 330508; email: info@newton.cam.ac.uk.

23–27 **The Ninth International Conference on Integral Methods in Science and Engineering (IMSE-2006)**, Sheraton Fallsview Hotel and Conference Centre, Niagara Falls, Ontario, Canada. (Aug. 2005, p. 787)

Information: email: spotapenko@uwaterloo.ca.

24–December 22 **Noncommutative Geometry**, Isaac Newton Institute for Mathematical Sciences, Cambridge, England. (Aug. 2004, p. 835)

Organizers: A. Connes (IHES), S. Majid (Queen Mary), A. Schwarz (UC Davis).

Information: <http://www.newton.cam.ac.uk/programmes/NCG/>; Isaac Newton Institute for Mathematical Sciences, 20 Clarkson Road, Cambridge, CB3 0EH, U.K.; tel.: +44 1223 335999, fax.: +44 1223 330508; email: info@newton.cam.ac.uk.

27–August 2 **ASL European Summer Meeting (Logic Colloquium '06)**, Nijmegen, Netherlands. (Jun/Jul. 2005, p. 675)

Abstracts: Rules for Abstracts (including those submitted by title) may be found at http://www.aslonline.org/rules_abstracts.html.

30–August 24 **Bayesian Nonparametric Regression: Theory, Methods and Applications**, Isaac Newton Institute for Mathematical Sciences, Cambridge, United Kingdom. (Oct. 2004, p. 1097)

Organizers: Professor N. Hjort (Oslo), Dr C. Holmes (Oxford), Professor P. Mueller (Texas), Professor S. Walker (Bath).

Information: Isaac Newton Institute for Mathematical Sciences, 20 Clarkson Road, Cambridge, CB3 0EH, U.K., Tel.: +44 1223 335999, Fax.: +44 1223 330508; email: info@newton.cam.ac.uk ; <http://www.newton.cam.ac.uk/programmes/BNR/index.html>.

September 2006

4–8 **Satellite Conference on Differential Equations and Singularities, in honor of J. M. Aroca's 60th birthday**, Tordesillas (Valladolid, Spain). (Jun/Jul. 2005, p. 675)

Topics: Resolution of singularities, local study of singularities, singular foliations, differential algebra, asymptotic analysis, and differential and geometrical study of dynamical systems.

Scientific Committee: Felipe Cano (Univ. Valladolid), Frank Loray (Univ. Rennes I), Juan Jose Morales (U. Politecnica Catalunya), Paulo Sad (IMPA), Mark Spivakovsky (Univ. Paul Sabatier).

Organizers: Jorge Mozo Fernández, José Cano and Fernando Sanz (Univ. Valladolid).

Confirmed speakers: H. Hironaka, Lê-Dung-Tràng, J. M. Lion, I. Luengo, J. F. Mattei, R. Moussu, J. V. Pereira, J. P. Ramis, J. P. Rolin, J. Seade, M. Singer, B. Teissier, H. Umemura, H. Yoshida.

Information: <http://www.uva.es/tordesillas2006>; email: sedf2006@ieip.uva.es.

December 2006

14–18 **First Joint International Meeting with the Taiwanese Mathematical Society**, Taiwan, Taiwan. (Dec. 2004, p. 1379)

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

15–17 **International Conference on Computer & Information Science (ICIS'2005)**, Fort Panhala, Kolhapur, India. (Dec. 2004, p. 1379)

Aim: To provide a platform for academics and professionals in computer science and information technology to meet, communicate, exchange ideas, and establish professional networks.

Sponsors: Technomathematics Research Foundation, India.

Important Dates: Full paper due: April 20, 2005. Proposals for tutorials and sessions due: February 20, 2005. Notification of acceptance: June 15th, 2005. Camera-ready paper with registration fee due: July 20, 2005.

Information: http://pune.sancharnet.in/kpr_tmrf/iccis05.html.

16–20 **DION 2005: An International Conference on Diophantine Equations: in honour of Professor T. N. Shorey on his 60th Birthday**, Tata Institute of Fundamental Research, Mumbai, India. (Jun/Jul. 2005, p. 675)

Information: Conference is open to mathematicians working in Number Theory and allied areas. Interested persons may find information at: email: math.tifr.res.in; <http://www.math.tifr.res.in/~dion2005>.

26–January 6, 2006 **CIMPA School on Commutative Algebra**, Institute of Mathematics, Hanoi, Vietnam. (Jun/Jul. 2005, p. 675)

Objective: The aim of the School is to introduce mathematicians from developing countries to some fundamental techniques and recent developments in Commutative Algebra and to promote the collaboration between mathematicians of different developing and developed countries.

Scientific program: The school will be divided into two parts. The first week (26 - 30.12.05) is a school with 4 instructional courses on the following topics: Local cohomology (M. Brodmann), Toric rings and varieties (D. Cox), Finite free resolutions (J. Herzog), Blow-up algebras (B. Ulrich). The second week (January 3–6, 2006) is devoted to an international conference. Besides invited lectures on recent development in Commutative Algebra, there will be opportunities for mathematicians from developing countries to present their research works.

Participation: The school and the conference are open to all mathematicians. The local organizers will arrange for visa and accommodation. Conference fees: 100 USD.

Support: There are a limited number of grants which cover travel and living expenses for mathematicians from developing countries.

Deadlines: Requests for participation and applications for support should be sent to the local coordinator before July 31, 2005.

Address for correspondences: L. T. Hoa, Institute of Mathematics, 18 Hoang Quoc Viet, 10307 Hanoi, Vietnam; Tel.: 0084-4-8361317 (Ext. 202); fax: 0084-4-7564303; email: cimpa@math.ac.vn.