
Mathematics Calendar

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

March 2006

* 2-3 **DARPA Workshop: State-Dependent Delays in Regulatory Networks**, DIMACS Center, CoRE Bldg, Rutgers University, Piscataway, New Jersey.

Goal: To begin a dialogue between mathematicians with expertise in the dynamics of delay differential equations and control theory, and biologists with expertise in the mechanisms in signal transduction/gene regulatory networks. For the biologists the potential benefit will be new models within which to understand, test, and control gene regulation. For the mathematicians the potential benefit will be a concrete set of problems around which the development of this new theory can be focused.

Organizers: Tim Buchman, Washington University, buchman@wustl.edu; Jon Lorsch, John Hopkins University, jlorsch@jhmi.edu; Konstantin Mischaikow, Georgia Institute of Technology, mischaik@math.gatech.edu.

Information: M. Sohor, DIMACS Center, sohor@dimacs.rutgers.edu, 732-445-5928; <http://dimacs.rutgers.edu/Workshops/Delays>.

2-5 **SouthEastern Analysis Meeting, SEAM XXII**, University of Florida, Gainesville, Florida. (Jan. 2006, p. 66)

* 4-5 **Southeast Geometry Conference**, College of Charleston, Charleston, South Carolina.

Description: The SEGC is a yearly regional conference covering all areas of geometry, and featuring 40-45 minute talks, both invited and contributed. Young researchers (postdocs and graduate students) are especially encouraged to participate in the conference, which will include a Poster Session on the evening of March 4. Some support for travel expenses may be available, pending the approval

of NSF funding.

Organizers: Thomas Ivey (iveyt@cof.c.edu), Alex Kasman (kasmana@cof.c.edu).

Deadlines: Those wishing to speak should contact the organizers as soon as possible, and in any case by February 15, 2006.

6-10 **IMA Workshop: Natural Images**, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, Minnesota. (Jan. 2006, p. 82)

7-11 **Holomorphic Dynamics Workshop**, Fields Institute, Toronto, Canada. (Nov. 2005, p. 1263)

10-12 **Recent Developments in Higher Dimensional Algebraic Geometry**, The Japanese American Mathematics Institute and the Johns Hopkins University, Baltimore, Maryland. (Feb. 2006, p. 284)

12-18 **Workshop on "Special Geometries in Mathematical Physics"**, Kühlungsborn, Germany. (Dec. 2005, p. 1379)

12-25 **RSES/ESI Educational Workshop on Discrete Probability**, Erwin Schroedinger Institute (ESI), Vienna, Austria. (Jan. 2006, p. 66)

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

13-17 **Workshop on 3-manifolds after Perelman**, International Centre for Mathematical Sciences, Edinburgh, United Kingdom. (Feb. 2006, p. 284)

* 13-June 16 **IPAM Long Program on Cells and Materials: At the Interface Between Mathematics, Biology and Engineering**, Institute for Pure and Applied Mathematics, UCLA, Los Angeles, California.

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/>.

Organizing Committee: Tom Chou (UCLA, Biomathematics), Trachette Jackson (University of Michigan, Mathematics), Mark Lewis (U. of Utah, Mathematics), John Lowengrub (University of Minnesota / UC Irvine, Mathematics), Sharon Lubkin (North Carolina State University, Mathematics), Stanley Osher (IPAM, Mathematics), Bill Tawil (Baxter Biosciences, BioSurgery), Ben Wu (UCLA, Material Sciences and Engr: Biomed Engr).

Information: Further information and an online application for funding as a long-term participant is available at <http://www.ipam.ucla.edu/programs/cm2006/>.

* 14-17 **IPAM Workshop: Tutorials for Cells and Materials Program**, Institute for Pure and Applied Mathematics, UCLA, Los Angeles, California.

Information: Further information and an online application for funding is available at <http://www.ipam.ucla.edu/programs/cmtut/>.

17-19 **Transport Properties of Random Schrödinger Operators**, University of Kentucky, Lexington, Kentucky. (Feb. 2006, p. 284)

21-24 **Workshop on Valuation Theory and its Applications - In Memoriam Otto Endler**, State University of Campinas (UNICAMP), Campinas, SP/Brazil. (Nov. 2005, p. 1263)

24-25 **Complex Geometry (in honor of Domingo Toledo's 60th birthday)**, University of Utah, Salt Lake City, Utah. (Feb. 2006, p. 284)

* 24-26 **Lie Algebra Workshop**, University of Ottawa, Ottawa, Ontario, Canada.

Speakers: G. Benkart (Wisconsin), I. Dimitrov (Queen's), Y. Gao (York), J. Greenstein (Riverside), J. Landsberg (Texas A&M), K. Misra (North Carolina), J. Patera (Montréal), A. Pianzola (Alberta), H. Usefi (Western Ontario), K. Zhao (Wilfrid Laurier).

Information: http://www.fields.utoronto.ca/programs/scientific/05-06/lie_algebra/.

* 25-30 **Algebras and Coalgebras-Tools for Geometry, Physics and Computer Science**, Joint Meeting of the American University in Cairo, Cairo University and the Mathematical Sciences Research Centre, Cairo, Egypt.

Topics: Rings and Corings, Modules and Comodules, Algebras and Coalgebras in Computer Science, Geometry, and Physics.

Main Speakers: Tomasz Brzezinski, University of Wales, Swansea, UK; Heinz-Peter Gumm, University of Marburg, Germany; Pavel Kolesnikov, Sobolev Institute, Novosibirsk, Russia; Juergen Fuchs, Karlstad University, Sweden; Dirk Kreimer, IHES, Paris, France; Shahn Majid, Queen Mary University, London, UK; Robert Wisbauer, University of Duesseldorf, Germany; Farahat Ali, Al-Azhar University, Egypt.

Deadlines: Abstract: January 15th, 2006; Registration: January 31st, 2006; Submission of paper for the conference proceedings: May 31st, 2006.

Contact: Mohamed F. Yousif, The American University in Cairo, 113 Kasr el Aini street, Cairo 11511, Egypt; email: algebra@aucegypt.edu; fax #: 20-2-795-7565; phone #: 20-2-797-5622 and 20-2-797-5616.

Information: Visit the website: <http://www.aucegypt.edu/conferences/algebra/>.

* 27-31 **IPAM Workshop: Membrane Protein Science and Engineering**, Institute for Pure and Applied Mathematics, UCLA, Los Angeles, California.

Organizing Committee: Tom Chou, Chair (UCLA), Francisco Bezanilla (UCLA), Ka Yee Lee (University of Chicago), Jacob Schmidt (UCLA).

Information: Further information and an online application for funding is available at <http://www.ipam.ucla.edu/programs/cmws1/>.

27-31 **Spectral Theory and Mathematical Physics, A Conference in Honor of Barry Simon's 60th Birthday**, California Institute of Technology, Pasadena, California. (Jan. 2006, p. 67)

* 29-31 **Interpolation Theory and Applications: Conference in Honor of Michael Cwikel**, Holiday Inn, Coral Gables, Florida.

Main Speakers: Brudnyi (Technion), Cerda (Barcelona), Corach (Buenos Aires), Grafakos (Missouri), Junge (Illinois), Kalton (Missouri), Kenig (Chicago), Krugljak (Lulea), Martin (Barcelona), Mastlylo (Poznan), M. Mitrea (Missouri), Pick (Prague), Pustylnik (Technion), Rochberg (Washington Univ.), Sagher (FAU), Shvarzman (Technion), Sadosky (Howard), Tadmor (Maryland), Weidl (Stuttgart).

Organizers: J. Cerda (Barcelona), L. De Carli (FIU), N. Kalton (Missouri), M. Mastlylo (Poznan), M. Milman (FAU), J. Peetre (Lund).

Contact: Mario Milman (extrapol@bellsouth.net).

Information:

30-April 5 **CRM-Clay School on Additive Combinatorics**, Centre de Recherches Mathématiques, Montréal, Quebec, Canada. (Jan. 2006, p. 67)

April 2006

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

1-2 **Graduate Student Topology Conference**, Indiana University, Bloomington, Indiana. (Feb. 2006, p. 285)

3-7 **IMA Workshop: Shape Spaces**, University of Minnesota, 207 Church St. SE, 400 Lind Hall, Minneapolis, Minnesota. (Jan. 2006, p. 82)

3-7 **8th International Conference on Approximation and Optimization in the Caribbean**, Universidad Autonoma de Santo Domingo (UASD), Dominican Republic. (Dec. 2005, p. 1379)

* 3-7 **Profinite Arithmetic Geometry and Related Moduli Spaces**, Red Lodge, Montana.

Description: Our series will combine moduli space ideas with profinite Galois and group theory.

Organizers: Pierre Debes, Mike Fried, Hiroaki Nakamura and Ken Ribet. This is the first of three conferences in a series.

Topics: Structured approaches to Geometric Galois Theory and related structure of profinite fundamental or Galois groups, The arithmetic and/or geometry of moduli spaces (e.g., Hurwitz spaces or Shimura varieties), l -adic representations or versions of Serre's Open Image Theorem, Applications of profinite groups of finite cohomological dimension like Demuskin and p -Poincaré dual groups, Outcomes related to Shimura-Taniyama-Weil, Heights of points on moduli spaces, Annabelian problems on the uniqueness of the absolute Galois closures defined by moduli points.

Information: <http://www.math.uci.edu/~mfried/conferences/prof-geom-rims.html>.

3-7 **Workshop on Jordan Structures in Analysis and Geometry**, National Sun Yat-sen University, Kaohsiung, Taiwan. (Dec. 2005, p. 1379)

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

* 6-9 **Extreme forms of real algebraic varieties**, AIM Research Conference Center, Palo Alto, California.

Description: The workshop will bring together researchers from diverse areas in an attempt to answer the ill-posed question "What is the best real form for an algebraic variety?" at least in some simple cases.

Organizers: Ilia Itenberg, Grigory Mikhalkin, and Oleg Viro.

Focus: This workshop, sponsored by AIM and the NSF, will focus on real loci of algebraic varieties, and more specifically, their extreme geometrical and topological forms.

Topics: Here are 3 groups of examples that have appeared particularly many times in recent research: Harnack and anti-Harnack curves; maximal real projective hypersurfaces and complete intersections. Varieties with extremal behavior of their amoebas or co-amoebas; varieties close to the tropical limit. Extreme real forms for some specific classes of varieties: Grassmannians, Fano, Calabi-Yau, etc.

Deadline: February 6, 2006.

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

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

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

* 18–22 **IPAM Workshop: Microfluidic Flows in Nature and Microfluidic Technologies**, Institute for Pure and Applied Mathematics, UCLA, Los Angeles, California.

Organizing Committee: Andrea Bertozzi (UCLA, Mathematics), Michael Brenner (Harvard University, Applied Mathematics and Applied Physics), Vittorio Cristini (University of California at Irvine, Biomedical Engineering and Mathematics), John Frangos (La Jolla Bioengineering Institute), Howard Winet (UCLA, Orthopedic Surgery).

Information: Further information and an online application for funding is available at <http://www.ipam.ucla.edu/programs/cmws2/>.

20–22 **2006 SIAM International Conference on Data Mining**, Hyatt Regency Bethesda, Bethesda, Maryland. (Dec. 2005, p. 1379)

* 20–21 **Workshop in Mathematical Physics**, Stevens Institute of Technology, Hoboken, New Jersey.

Description: The workshop in Mathematical Physics aims at bringing together the researchers in mathematical physics in order to understand the state of the art in mathematical physics and discuss promising research directions in: Conservation Laws, Kinetic Equations, Nonlinear PDE's, Variational Principles; Riemann Boundary-Value Problems and Singular Integral Equations; Applications in Hydrodynamics, Theory of Elasticity, Fiber Optics, Magnetohydrodynamics (MHD), Contact Problems in Mechanics.

Organizers: P. Dubovski and M. Zabaranin.

Information: email: pdubovsk@stevens.edu; <http://personal.stevens.edu/~pdubovsk/mathphysics.html>.

20–22 **Logic, Models and Computer Science: LMCS06**, Dipartimento di Matematica e Informatica, Università di Camerino, Camerino, Italy. (Oct. 2005, p. 1087)

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

22–27 **Design Theory, Graph Theory, and Computational Methods**, IPM, Tehran, Iran. (Jan. 2006, p. 67)

23–May 6 **Rigidity and Flexibility (ESI-Program 2006)**, The International Erwin Schrödinger Institute for Mathematical Physics (ESI), Vienna, Austria. (Feb. 2006, p. 285)

* 24–28 **XIV Brazilian Logic Conference**, Itatiaia, Rio de Janeiro, Brazil.

Topics: Algebraic logic, logic and computation, history of logic, logic and education, model theory, non-classical logics, philosophy of formal sciences, and set theory. This event will also celebrate the centennial of the birth of Kurt Gödel.

Deadline: For submission of contributed talks is January 15, 2006.

Information: email: XIVEBL@inf.puc-rio.br; <http://XIVEBL.inf.puc-rio.br/>.

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

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

29–May 1 **2006 Barrett Lectures in Topology**, University of Tennessee, Knoxville, Tennessee. (Sept. 2005, p. 953)

30–May 5 **Conference on Topology, Geometry and Physics**, Columbia University, New York, New York. (Jan. 2006, p. 67)

May 2006

1–June 30 **Random Graphs and Large-Scale Real-World Networks**, Institute for Mathematical Sciences, National University of Singapore, Singapore. (Dec. 2005, p. 1380)

* 3–5 **DIMACS Workshop on Sequence, Structure and Systems Approaches to Predict Protein Function**, DIMACS Center, CoRE Bldg, Rutgers University, Piscataway, New Jersey.

Goal: To bring together biologists, computer scientists and mathematicians who work on various aspects of protein function prediction. This workshop will provide both a venue for reviewing the current state-of-the-art of diverse methods as well as a platform for further cross-fertilization and integration of sequence, structure and systems approaches.

Organizers: Anna Panchenko, NIH, panch@mail.nih.gov; Teresa Przytycka, NIH, przytyck@mail.nih.gov; Mona Singh, Princeton University, mona@CS.Princeton.EDU.

Information: M. Sohor, DIMACS Center, sohor@dimacs.rutgers.edu, 732-445-5928; <http://dimacs.rutgers.edu/Workshops/ProteinFunction>.

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

6–11 (REVISED) **International Conference on Fourier and Complex Analysis: Classical problems current view**, Protaras, Cyprus. (Oct. 2005, p. 1087)

* 8–12 **IPAM Workshop: Angiogenesis, NeoVascularization and Morphogenesis**, Institute for Pure and Applied Mathematics, UCLA, Los Angeles, California.

Organizing Committee: Luisa Iruela-Arispe (UCLA), Trachette Jackson (University of Michigan), Howard Levine (Iowa State University), John Lowengrub (University of California at Irvine), Bill Tawil (UCLA).

Information: Further information and an online application for funding is available at <http://www.ipam.ucla.edu/programs/cmws3/>.

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

9–11 **DIMACS Workshop on Clustering Problems in Biological Networks**, DIMACS Center, CoRE Bldg, Rutgers University, Piscataway, New Jersey. (Dec. 2005, p. 1380)

10–12 **Workshop on Numerical, Mathematical and Modeling Analysis Related to Fluid Dynamics in Hydrogen Fuel Cells**, University of Ottawa, Ottawa, Ontario, Canada. (Feb. 2006, p. 285)

10–13 **CSNA06. Annual meeting of the Classification Society of North America**, DIMACS Center, Rutgers University, Piscataway, New Jersey. (Dec. 2005, p. 1380)

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

14–20 **International Symposium on Functional Equations**, University of Louisville, Louisville, Kentucky. (Jan. 2006, p. 67)

15–17 **SIAM Conference on Imaging Science**, Radisson Hotel Metrodome, Minneapolis, Minnesota. (Oct. 2005, p. 1087)

15–17 **The First International Conference on Mathematical Sciences**, Al-Azhar University, Gaza, The Palestinian Authority.

(Feb. 2006, p. 285)

15–17 **Workshop on Probabilistic Symmetries and their Applications**, University of Ottawa, Ottawa, Ontario, Canada. (Feb. 2006, p. 285)

16–18 **LMS Workshop on Cluster Algebras and Teichmüller Theory**, University of Leicester, Leicester, United Kingdom. (Feb. 2006, p. 285)

16–20 **5th Conference on Function Spaces at SIUE**, Southern Illinois University, Edwardsville, Illinois. (Oct. 2005, p. 1087)

17–19 **Conference of Applied Statistics in Ireland**, University College Cork, Cork, Ireland. (Sept. 2005, p. 953)

* 17–20 **Nonlinearity: from Turbulent to Magic**, NORDITA and Niels Bohr Institute, Copenhagen, Denmark.

Topics: Wave chaos, quantum chaos, turbulence, exceptional magic, statistical mechanics, ergodic theory.

Organizing committee: B. Lautrup, A. Brandenburg, M. H. Jensen. **International committee:** G. Tanner, R. Artuso, P. Cvitanovic', S. Creagh, T. Guhr, G. Huber, H. H. Rugh.

Information: <http://cats.nbi.dk>.

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

* 21–24 **Workshop on the universal Urysohn metric space**, Ben-Gurion University of the Negev, Beer-Sheva, Israel.

Principal Invited Speakers: Vladimir Uspenskiy (Ohio University, USA) and Anatoly Vershik (St. Petersburg branch of Steklov Institute, Russia).

Scientific Committee: Alexander Kechris (Caltech), Vitali Milman (Tel-Aviv University), Stevo Todorčević (University of Toronto, and CNRS).

Organizers: Matatyahu Rubin (Chair), Vladimir Fonf and Arkady Leiderman (all Ben-Gurion University, Israel), Vladimir Pestov (University of Ottawa, Canada).

Information: http://www.math.bgu.ac.il/~arkady/Workshop_2006/main_page.html.

22–26 **13th International Conference on Gambling & Risk Taking**, Harrah's Lake Tahoe, Stateline, Nevada. (Jan. 2006, p. 67)

22–26 **IMA Workshop: Visual Learning and Recognition**, University of Minnesota, Minneapolis, Minnesota. (Jan. 2006, p. 82)

* 22–26 **IPAM Workshop: Systems Biology and Molecular Modeling**, Institute for Pure and Applied Mathematics, UCLA, Los Angeles, California.

Organizing Committee: James Glazier (Indiana University, Bio-complexity Institute) Dan Kamei (UCLA, Bioengineering) Douglas Lauffenburger (Massachusetts Institute of Technology, Biological Engineering) Ben Wu (UCLA, Bioengineering and Weintraub Center for Reconstructive Biotechnology).

Information: Further information and an online application for funding is available at <http://www.ipam.ucla.edu/programs/cmws4/>.

22–26 **Low Eigenvalues of Laplace and Schrodinger Operators**, AIM Research Conference Center, Palo Alto, California. (Oct. 2005, p. 1087)

22–27 **"Banach spaces and their applications in Analysis", in honor of Nigel Kalton's 60th birthday**, Miami University, Oxford, Ohio. (Jan. 2006, p. 67)

23–27 **Hyperbolic Geometry Workshop**, Fields Institute, Toronto, Canada. (Nov. 2005, p. 1264)

24–26 **International Workshop on Post-Quantum Cryptography**, Katholieke Universiteit Leuven, Belgium. (Sept. 2005, p. 953)

25–27 **Complex and Harmonic Analysis, an international conference**, Thessaloniki, Greece. (Oct. 2005, p. 1088)

28–30 **Annual Meeting of the Canadian Society for History and Philosophy of Mathematics (CSHPM)**, York University Toronto, Ontario, Canada. (Jan. 2006, p. 68)

29–June 3 **International Conference on Toric Topology**, Osaka City University, Osaka, Japan. (Dec. 2005, p. 1381)

30–June 2 **DAYS on DIFFRACTION-2006**, St. Petersburg University & St. Petersburg Branch Steklov Math. Inst., St. Petersburg, Russia. (Jan. 2006, p. 68)

30–June 2 **Geometry and Representation Theory: A conference in honor of George Lusztig**, M.I.T., Cambridge, Massachusetts. (Feb. 2006, p. 285)

30–June 3 **2006 USENIX Annual Technical Conference**, Boston, Massachusetts. (Dec. 2005, p. 1381)

30–June 6 **NAFSA 8–8th International Spring School on Nonlinear Analysis, Function Spaces and Applications**, Czech University of Agriculture, Prague, Czech Republic. (Oct. 2005, p. 1088)

* 31–June 4 **MASSEE International Congress on Mathematics: MICOM-2006**, Cyprus, Greece.

Information: All correspondence concerning the MASSEE International Congress on Mathematics should be sent to the following address: Organizing Committee MICOM-2006 Cyprus Mathematical Society 36 Stasinou Street, Office 102 Strovolos 2003, Nicosia, Cyprus; fax: +357-22352059; tel: +357-22378101; email: xms@cms.org.cy; makrides.g@intercollege.ac.cy; makrides.greg@usa.net; <http://www.cms.org.cy>.

June 2006

1–July 31 **Algorithmic Biology: Algorithmic Techniques in Computational Biology**, Institute for Mathematical Sciences, National University of Singapore, Singapore. (Dec. 2005, p. 1381)

4–10 **Workshop on Commutative Rings**, Cortona, Italy. (Feb. 2006, p. 286)

5–9 **Poisson 2006: Poisson Geometry in Mathematics and Physics**, National Olympic Memorial Youth Center, Tokyo, Japan. (Jan. 2006, p. 68)

5–9 **Selfsimilar groups and conformal dynamics**, AIM Research Conference Center, Palo Alto, California. (Dec. 2005, p. 1381)

5–12 **Motives and Periods**, University of British Columbia, Vancouver, BC, Canada. (Dec. 2005, p. 1381)

7–10 **Symposium in Complex Analysis**, Kranjska Gora, Slovenia. (Nov. 2005, p. 1264)

9–14 **Eight International Conference on Geometry, Integrability and Quantization**, Sts. Constantine and Elena resort (near Varna), Bulgaria. (Oct. 2005, p. 1088)

11–14 **ICMSE 2006- International Conference in Mathematics, Sciences and Science Education**, University of Aveiro, Aveiro, Portugal. (Jan. 2006, p. 68)

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

12–15 **Journées Peter Shalen**, Centre de Recherches Mathématiques, Montreal, Quebec, Canada. (Feb. 2006, p. 286)

12–16 **EMS mathematical weekend in Pays de Loire**, Université de Nantes, Nantes, France. (Feb. 2006, p. 286)

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

12–16 **The Twenty-Second Annual Mathematical Problems in Industry Workshop**, Needham, Massachusetts. (Dec. 2005, p. 1381)

* 12–17 **Steklov Mathematical Institute International Workshop on Mathematical Hydrodynamics**, Steklov Mathematical Institute,

Moscow, Russia.

Program: The workshop will cover recent research advances in the theory of both viscous and inviscid fluids, including the study of the Euler equations, the Navier-Stokes equations, and the equations governing the evolution of waves on the surface of fluids. The meeting will include leading senior researchers in this area and younger scientists, and will attempt not only to cover past research accomplishments but point out new directions of investigation.

Organizing Committee: Walter Craig, Andrei Fursikov, Patrick Gerard, Sergei Kuksin, Armen Sergeev, Eugene Wayne.

Contact Information: Contact Ms. M. A. Pribyl, (preferably by e-mail). email: mh2006@mi.ras.ru. Mail Address: Steklov Mathematical Institute, Gubkina 8, Moscow, 119991, Russia; Tel.: +7 (095) 135-22-91; Fax: +7 (095) 135-05-55.

13-17 **The Fifteenth International Workshop on Matrices and Statistics**, Uppsala, Sweden. (Jan. 2006, p. 68)

* 16-18 **NKS 2006 Wolfram Science Conference**, The Fairmont, Washington, DC.

Description: Stephen Wolfram's book *A New Kind of Science* introduced a new paradigm for doing science. From this has now grown an energetic community developing the paradigm not only in science but also in technology, business, and the arts. The NKS 2006 Wolfram Science Conference is a unique opportunity to connect with the leaders in the NKS community, explore exciting developments now underway, and learn how to apply the latest NKS ideas and methods to your work. In addition to a wide range of general and specialized presentations, the conference will feature real-time computer experiments by Stephen Wolfram, problem-solving labs, an art gallery, opportunities for students, and much more.

Host: Wolfram Research, Inc.

Information: Phone: 1-800-WOLFRAM (965-3726) or +1-217-398-0700; email: nksconference@wolframscience.com; <http://www.wolframscience.com/conference/2006>.

16-20 **CAIMS-MITACS Joint Annual Conference**, York University, Toronto, Ontario, Canada. (Jan. 2006, p. 68)

19-23 **Formal Power Series and Algebraic Combinatorics 2006**, Catamaran Resort Hotel, Pacific Beach, San Diego, California. (Jan. 2006, p. 69)

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

* 19-23 **Harmonic Analysis and Related Problems 2006 (HARP 2006)**, Zaros, Crete, Greece.

Organizer: This meeting is organized in the context of the European Research Network HARP.

Plenary Speakers: Jon Bennett, Michael Christ, Guy David, M. Burak Erdogan, Alex Iosevich, Sergei Konyagin, Michael Lacey, Pertti Mattila, Antonios Melas, Giancarlo Mauceri, Alan McIntosh, Frank Merle, Detlef Mueller, Alexander Olevskii, Fulvio Ricci, Cristoph Thiele, Ana Vargas, Luis Vega, Jim Wright.

Information: Please visit <http://fourier.math.uoc.gr/~harp2006>.

19-23 **Modern stochastics: theory and applications**, Kyiv National Taras Shevchenko University, Kyiv, Ukraine. (Sept. 2005, p. 953)

19-23 **The International Summer School in Several Complex Variables**, Szczyrk, Poland. (Dec. 2005, p. 1382)

19-24 **Hodge Theory**, Venice International University, Venice-Island of San Servolo, Italy. (Feb. 2006, p. 286)

19-July 7 **Computational Number Theory and Applications to Cryptography**, University of Wyoming, Laramie, Wyoming. (Feb. 2006, p. 286)

19-30 **SMS 2006/NATO Advanced Study Institute-Combinatorial Optimization: Methods and Applications**, Université de Montréal, Montréal (QC) Canada. (Jan. 2006, p. 69)

20-22 **International Conference on Mathematical, Statistical, and Computer Methods in HIV/AIDS**, Regal Kowloon Hotel, East Kowloon, Hong Kong. (Feb. 2006, p. 286)

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

22-24 **2nd International Workshop on Graph-Theoretic Concepts in Computer Science**, Bergen, Norway. (Dec. 2005, p. 1382)

23-26 **2006 International Conference on Topology and its Applications**, Aegion, Greece. (Jan. 2006, p. 69)

25-28 **SIAM Conference on Discrete Mathematics**, University of Victoria, Victoria, British Columbia, Canada. (Dec. 2005, p. 1382)

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

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

26-30 **Algebraic Combinatorics: An International Conference in honor of Eiichi Bannai's 60th birthday**, Sendai International Center, Sendai, Japan. (Dec. 2005, p. 1382)

26-30 **Calibrations**, AIM Research Conference Center, Palo Alto, California. (Sept. 2005, p. 954)

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

29-July 4 **21st International Conference on Operator Theory**, West University, Timisoara, Romania. (Feb. 2006, p. 286)

* 30-July 5 **Computability in Europe 2006 (CiE 2006): Logical Approaches to Computational Barriers**, Swansea, Wales.

Organizer: Within the network "Computability in Europe" (CiE).

Focus: Is on aspects of logical approaches to computational barriers. There will be tutorials on Logical Approaches to the P vs. NP problem (S. Buss) and "Quantum Algorithms: Standard Tools and New Models" (J. Kempe).

Invited Speakers: J. Bergstra, L. Cardelli, J. W. Dawson, J. Krajíček, E. Mayordomo Cámara, I. Németi, H. Schwichtenberg, and A. Weiermann.

Special Sessions: Are planned on Challenges in Complexity, Computable Analysis, Foundations of Programming, Gödel Centenary: His Legacy for Computing, Mathematical Models of Computers and Hypercomputers, and Proofs and Computation.

Information: For more information, visit <http://www.cs.swansea.ac.uk/cie06/>.

July 2006

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

3-7 **Inverse Problems in Applied Sciences—toward break through**, University Conference Hall, Hokkaido University, Sapporo, Japan. (Nov. 2005, p. 1264)

* 5-8 **Numerical Analysis and Approximation Theory, NAAT 2006**, Department of Applied Mathematics of Faculty of Mathematics and Computer Science, Babes-Bolyai University, Cluj-Napoca, Romania.

Topics: Functions approximation, Integral operators, Differential operators, Numerical analysis and stability methods, Positive operators, Rate of convergence, Splines, Wavelets, Stochastic processes, Approximation of linear functionals, Honorary Chair: D. D. Stancu.

Invited Speakers: Preliminary list: Francesco Altomare (Bary, Italy), George Anastassiou (Memphis, USA), Borislav Bojanov (Sofia, Bulgaria), Heiner Gonska (Duisburg, Germany), Gradimir Milovanovic (Nis, Serbia), Jozsef Szabados (Budapest, Hungary), Peter Vertesi (Budapest, Hungary).

Scientific Committee: O. Agratini, F. Altomare, P. Blaga, Gh. Coman, H. Gonska, G. Milovanovic.

- 7–8 **Second International Conference on Nonsmooth/Nonconvex Mechanics with Applications in Engineering**, Faculty of Engineering, Aristotle University, Thessaloniki, Greece. (Apr. 2005, p. 478)
- 9–15 **DIMACS Reconnect Conference 2006: Reconnecting Teaching Faculty to the Mathematical Sciences Research Enterprise**, Morgan State University, Baltimore, Maryland. (Jan. 2006, p. 69)
- 10–12 **SIAM Conference on Analysis of Partial Differential Equations**, Boston Park Plaza Hotel and Towers, Boston, Massachusetts. (Dec. 2005, p. 1382)
- 10–14 **International Conference on Analytic Topology**, Lake Plaza Hotel, Rotorua, New Zealand. (Apr. 2005, p. 478)
- 10–14 **Ninth International Conference on p-adic functional analysis**, University of Concepcion, Concepcion, Chile. (Aug. 2005, p. 787)
- 17–21 **Classification theory for abstract elementary classes**, AIM Research Conference Center, Palo Alto, California. (Feb. 2006, p. 286)
- 17–August 4 **International Conference and Instructional Workshop on Discrete Groups**, The Morningside Center of Mathematics, Beijing, People's Republic of China. (Dec. 2005, p. 1382)
- 17–August 11 **Clay Mathematics Institute 2006 Summer School: Arithmetic Geometry**, Mathematisches Institut, Georg-August-Universität, Göttingen, Germany. (Feb. 2006, p. 287)
- 17–August 11 **Spectral Theory and Partial Differential Equations**, Isaac Newton Institute for Mathematical Sciences, Cambridge, England. (Aug. 2004, p. 835)
- * 18–21 **International Conference on Interdisciplinary Social Sciences**, University of the Aegean, Island of Rhodes, Greece.
Description: The conference will examine the nature of disciplinary and interdisciplinary practices across the social sciences, as well as the relation of the social to the natural sciences, applied sciences and the professions.
Information: For full details of the conference, including an online call for papers form, visit <http://www.SocialSciencesConference.com>.
- * 18–21 **Thirteenth Workshop on Logic, Language, Information and Computation (WoLLIC'2006)**, Stanford, California.
Description: This is the thirteenth in a series of workshops intended to foster interdisciplinary research in pure and applied logic.
Deadline: For submission of papers is March 1, 2006.
Information: <http://www.cin.ufpe.br/~wollic/wollic2006/>.
- 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)
- 24–28 **2nd SIPTA School on Imprecise Probabilities**, Rey Juan Carlos University, Madrid, Spain. (Feb. 2006, p. 287)
- 24–28 **Brazilian Operator Algebras Conference**, Florianopolis, Brazil. (Feb. 2006, p. 287)
- * 24–28 **New Trends in Viscosity Solutions and Nonlinear PDE**, Instituto Superior Tecnico, Lisbon, Portugal.
Information: <http://www.math.ist.utl.pt/~dgomes/newtrends/>.
- 24–28 **The Eleventh International Conference on Difference Equations and Applications**, Kyoto University, Kyoto, Japan. (Jan. 2006, p. 69)
- 24–August 4 **Pan-American Advanced Studies Institute (PASI): Analysis and Probability in Quantum Physics**, San Joaquin campus, Pontificia Catolica de Chile, Santiago, Chile. (Feb. 2006, p. 287)
- 24–December 22 **Noncommutative Geometry**, Isaac Newton Institute for Mathematical Sciences, Cambridge, England. (Aug. 2004, p. 835)
- 25–27 **International Conference on Mathematics**, Institute of Mathematics, National University of Mongolia, Ulaanbaatar, Mongolia. (Feb. 2006, p. 287)
- 27–August 2 **ASL European Summer Meeting (Logic Colloquium '06)**, Nijmegen, Netherlands. (Jun/Jul. 2005, p. 675)
- * 30–August 4 **Institute of Mathematical Statistics (IMS) Annual Meeting and X Brazilian School of Probability (XEBP)**, Instituto Nacional de Matemática Pura e Aplicada (IMPA), Rio de Janeiro, Brazil.
Topics: Statistics program (July 30–August 2), Fifth International Symposium on Probability and its Applications (August 2–4).
IMS Special Invited Speakers: IMS Wald Lectures: Peter Hall; IMS Le Cam Lecture: Stephen Stigler; IMS Medallion Lectures: Greg Lawler, Michael Woodroffe, Thomas Mountford.
EBP Invited Speakers: Vincent Beff ara (ENS Lyon); J. van den Berg (CWI); Stella Brassesco (IVIC); Donald Dawson (Carleton); Paul Dupuis (Brown Univ.); Vlada Limic (UBC); Jim Pitman (Univ. Calif., Berkeley)
Information: <http://www.imstat.org/meetings/IMS2006/>.
- 30–August 5 **International Conference on Radicals (ICOR-2006)**, Kiev National Taras Shevchenko University, Kiev, Ukraine. (Dec. 2005, p. 1383)
- 30–August 24 **Bayesian Nonparametric Regression: Theory, Methods and Applications**, Isaac Newton Institute for Mathematical Sciences, Cambridge, United Kingdom. (Oct. 2004, p. 1097)
- 31–August 2 **2006 Symposium on Performance Evaluation of Computer and Telecommunication Systems**, Calgary, Canada. (Dec. 2005, p. 1383)
- 31–August 4 **Numerical invariants of singularities and higher-dimensional algebraic varieties**, AIM Research Conference Center, Palo Alto, California. (Jan. 2006, p. 70)

August 2006

- * 1–5 **Ninth Meeting of New Researchers in Statistics and Probability**, University of Washington, Seattle, Washington.
Description: The IMS Committee on New Researchers is organizing a meeting of recent Ph.D. recipients in Statistics and Probability. The purpose of the conference is 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 that may last a career (lifetime?!). The meeting is to be held prior to the 2006 Joint Statistical Meetings in Seattle, WA.
Information: <http://www.stat.ohio-state.edu/~pfc/NRC/>.
- 2–4 **31st Sapporo Symposium on Partial Differential Equations**, Department of Mathematics, Hokkaido University, Sapporo, Japan. (Jan. 2006, p. 70)
- 7–11 **Partial Differential Equations on Noncompact and Singular Manifolds**, University of Potsdam, Potsdam, Germany. (Feb. 2006, p. 287)
- * 9–12 **The Third International Conference on Neural, Parallel & Scientific Computations**, Morehouse College, Atlanta, Georgia.
Topics: Computational methods on all aspects of Neural, Parallel, and Scientific Computing such as Computational Methods of Nonlinear Systems, Algorithm Designs, Hardware/Software Engineering, Computer Modeling, Networking Dynamics, Neurodynamics, Pattern Recognition, Performance Measurements, Computer Vision,

Imaging, Cognition, Speech Modeling, Computational Mathematics, Biomedical Engineering, Artificial Intelligence, Systolic Algorithms, Evaluation and Prediction of Computer Complexes, Cluster Computing, VLSI Design, Computer Architectures, Simulation, ODL (Open Distance Learning) Systems, Systems Security, Combinatorics, Graph Theory, Fuzzy Systems, and Simulation.

Deadlines: Submission of article (on or before): March 31, 2006. Acceptance of article: April 30, 2006. Camera-Ready paper: May 15, 2006. Pre-Registration: (on or before April 30, 2006) US \$225.00, (Students: US \$125.00). Registration: (after May 1, 2006) US \$250.00, (Students: US \$150.00). Banquet: August 10, 2006. Motel Cut off Date: July 1, 2006.

Information: Contact M. Sambandham, ICNPSC3, Department of Mathematics, Morehouse College, Atlanta, Georgia 30314; email: icnp3@yahoo.com; <http://www.dynamicipublishers.com/NPSC3>.

* **12-15 Twenty-first Annual IEEE Symposium on Logic in Computer Science (LICS 2006)**, Seattle, Washington.

Description: The LICS Symposium is an annual international forum on theoretical and practical topics in computer science that relate to logic in a broad sense. LICS 2006 will be held as part of the Fourth Federated Logic Conference (FLoC'06).

Invited Speakers: A. Blass, A. Gordon, and O. Kupferman. There will also be a joint LICS/RTA/SAT plenary lecture given by R. Bryant.

Information: <http://www.lfcs.informatics.ed.ac.uk/lics>. For further information about FLoC'06, see <http://www.informatik.hu-berlin.de/lics/>.

* **13-19 Workshop on Triangulated Categories**, University of Leeds, United Kingdom.

Aim: To bring together researchers from many parts of mathematics who all use triangulated categories and related structures. Hopefully, the event will promote interactions across traditional borders. Moreover, it should give postgraduate students and post docs the opportunity to learn about exciting modern developments.

Organizers: Thorsten Holm, Peter Jorgensen, Raphael Rouquier.

Preliminary list of speakers (to be confirmed): Paul Balmer (Zurich), John Greenlees (Sheffield), Srikanth Iyengar (Lincoln), Bernhard Keller (Paris), Henning Krause (Paderborn), Ralf Meyer (Muenster), Amnon Neeman (Canberra), Dmitri Orlov (Moscow), Jeremy Rickard (Bristol), Stefan Schwede (Bonn).

Information: <http://www.maths.leeds.ac.uk/pure/algebra/TriCat06.html>.

14-18 International Conference on Spectral Theory and Global Analysis, Carl von Ossietzky University, Oldenburg, Germany. (Feb. 2006, p. 287)

14-18 Seventh International Conference on Monte Carlo and Quasi-Monte Carlo Methods in Scientific Computing (MCQMC 2006), Ulm, Germany. (Nov. 2005, p. 1264)

16-19 First announcement: Satellite Conference on Algebraic Geometry, Segovia, Spain. (Jan. 2006, p. 70)

16-19 Trends and Challenges in the Calculus of Variations and its Applications, Toledo, Spain. (Jan. 2006, p. 70)

22-30 International Congress of Mathematicians, Madrid, Spain. (Nov. 2005, p. 1264)

September 2006

1-4 Topics in Mathematical Analysis and Graph Theory, University of Belgrade, Faculty of Electrical Engineering, Department of Applied Mathematics, Serbia and Montenegro. (Dec. 2005, p. 1383)

4-8 Barcelona Analysis Conference, University of Barcelona, Barcelona, Spain. (Jan. 2006, p. 70)

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)

* **4-8 Stochastic Analysis in Mathematical Physics**, CI Univ. Lisbon, Lisbon, Portugal.

Description: To illustrate the versatility of modern stochastic analysis in various fields and applied mathematics, with a special emphasis on Mathematical Physics. Among the themes covered in this meeting are: Hydrodynamics and turbulence, Conformal invariance, Random environment, Applications of large deviations, Quantum field theory.

Scientific Committee: G. Ben Arous (Lausanne), A. B. Cruzeiro (Lisbon), Y. Le Jan (Paris), J. C. Zambrini (Lisbon).

Information: <http://gfm.cii.fc.ul.pt/events-en/samp2006/>.

4-29 The Painlevé Equations and Monodromy Problems, Issac Newton Institute for Mathematical Sciences, Cambridge, England. (Jan. 2006, p. 70)

9-12 SIAM Conference on Nonlinear Waves and Coherent Structures, University of Washington, Seattle, Washington. (Jan. 2006, p. 70)

11-15 Groups of Diffeomorphisms 2006, University of Tokyo, Tokyo, Japan. (Jan. 2006, p. 70)

* **12-17 International Conference on Differential Equations, Dedicated to the 100th Anniversary of Ya. B. Lopatynsky**, Ivan Franko National University of Lviv, Lviv, Ukraine.

Topics: General theory of differential equations, Algebraic methods in the theory of differential equations, Analytical theory of differential equations, Applications of the theory of differential equations.

Invited Speakers: V. Barbu (Romania), H. Beresticki (France), M. Chipot (Switzerland), J. I. Diaz (Spain), H. Engl (Austria), A. Friedman (USA), A. M. Filimonov (Russia), Y. Giga (Japan), A. L. Gladkov (Belarus), M. L. Gorbachuk (Ukraine), S. D. Ivasyshen (Ukraine), N. V. Jitaraeu (Moldova), R. Kersner (Hungary), E. Ya. Khruslov (Ukraine), V. A. Kondratiev (Russia), A. I. Kozhanov (Russia), A. Lorenzi (Italy), F. Murat (France), A. D. Myshkis (Russia), A. Prilepko (Russia), V. Pukhnachov (Russia), A. Shishkov (Ukraine), L. Veron (France), H. Zoladek (Poland).

Information: email: ICL100@franko.lviv.ua; <http://www.franko.lviv.ua/faculty/mechmat/Departments/Conf/index.htm>.

December 2006

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

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)

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

January 2007

8-June 29 Analysis on Graphs and its Applications, Isaac Newton Institute for Mathematical Sciences, Cambridge, UK. (Nov. 2005, p. 1264)

15-July 6 Highly Oscillatory Problems: Computation, Theory and Application, Isaac Newton Institute for Mathematical Sciences, Cambridge, UK. (Nov. 2005, p. 1264 (Dec. 2005, p. 1383))