
Mathematics Calendar

Please submit conference information for the Mathematics Calendar through the Mathematics Calendar submission form at <http://www.ams.org/cgi-bin/mathcal-submit.pl>. The most comprehensive and up-to-date Mathematics Calendar information is available on the AMS website at <http://www.ams.org/mathcal/>.

October 2008

* 8–9 **Math Institutes Modern Mathematics Workshop**, Salt Palace Convention Center, 100 S. West Temple, Salt Lake City, Utah.

Description: This is the first workshop sponsored by all the US-based Math Institutes and seventh in a series sponsored by the Mathematical Sciences Research Institute on contemporary research in mathematics. Each institute will focus on their upcoming programs for the academic year 2009–2010. All presentations will be expository, intended for mathematical scientists and students not necessarily working in these areas, but interested in learning about new developments and the possibility of spending some time at any of the participating math institutes. We anticipate an audience composed of graduate students, postdocs, and mid-career faculty. There will be a separate program aimed at undergraduates on Thursday, October 9, 2009.

Information: http://www.msri.org/calendar/workshops/WorkshopInfo/459/show_workshop; email: nick@msri.org.

* 14–17 **Promoting Diversity at the Graduate Level in Math: A National Forum**, The Mathematical Sciences Research Institute, 17 Gauss Way, Berkeley, California, 94720-5070

Description: Cultivating diversity and broadening participation of historically underrepresented groups in the mathematical sciences are national goals that are identified by the National Science Foundation as “essential components of the innovation engine that drives the nation’s economy.”

Goal: To stimulate, identify, and disseminate successful models that improve retention of underrepresented groups in graduate programs in mathematics. The conference will provide a forum for the interchange of information among the key constituencies involved in

graduate education: research universities, small colleges, and graduate students. Representatives will have the opportunity to improve the articulation between undergraduate and graduate training. Department representatives will be encouraged to leave the conference with an appropriate plan for action.

Information: http://www.msri.org/calendar/workshops/WorkshopInfo/458/show_workshop; email: nick@msri.org.

November 2008

* 6–8 **Workshop on infinite-dimensional Lie groups and related functional analysis**, University of Paderborn, Paderborn, Germany.

Description: The workshop strives to bring together researchers from infinite-dimensional Lie theory and researchers in related areas of functional analysis, to familiarize each other with their ways of thinking, recent progress and typical problems. To foster these goals, there will be four introductory mini-courses, as well as several invited talks of an expository or survey character. The program is also apt to give young researchers (and researchers from neighboring areas) an introduction to infinite-dimensional calculus and the theory of infinite-dimensional Lie groups, including an impression of the state of the art.

Topics: Infinite-dimensional Lie groups; infinite-dimensional calculus and analyticity; spaces of continuous, smooth or analytic functions; differentiability properties of typical non-linear maps; properties of locally convex direct limits.

Organizers: Helge Glückner and Elke Wolf (Paderborn).

Information: <http://www2.math.uni-paderborn.de/index.php?id=7670>; email: glockner@math.upb.de.

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 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. 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/>.

* 20–22 **Statistical Regularization and Qualitative Constraints: Inference Algorithms, Asymptotics and Applications**, University of Gottingen, Germany.

Scope: To bring in contact international researchers with interests in statistical regularization and the members of the newly founded German-Swiss (DFG-SNF) research group FOR916, in order to initiate scientific exchange between the group and the community.

Speakers: Tony Cai (University of Pennsylvania), Rama Cont (Columbia University/CMAP Ecole Polytechnique), Jose Manuel Corcuera (Universitat de Barcelona), Jean-Pierre Florens (Universite Toulouse I), Peter Gottschalk (Boston College), Janine Illian (University of St Andrews), Karl Kunisch (University of Graz), Guillaume Lecue (Universite Paris VI), Oliver B. Linton (London School of Economics and Political Science), Nicolai Meinshausen (University of Oxford), Ya'acov Ritov (The Hebrew University of Jerusalem), Naftali Tishby (The Hebrew University-Givat-Ram), Alexandr Tsybakov (Universite Paris VI).

Scientific Board: The members of the research group FOR916: Joachim Buhmann, Peter Buhmann, Lutz Dumbgen, Sara von der Geer, Bernd Fitznaber, Thorsten Hohage, Enno Mammen, Axel Munk, Martin Schlather, Stefan Sperlich, Jeannette Woerner.

Local Organization: Axel Munk, Klaus Frick.

Contact and Details: For details and registration please visit <http://www.stochastik.math.uni-goettingen.de/forschergroupe/conference> or contact: for916@math.uni-goettingen.de.

February 2009

* 16–21 **III School and Workshop on Mathematical Methods in Quantum Mechanics**, Casa della Gioventù, Bressanone/Brixen, Italy.

Aim: To present the state of the art in some challenging open problems in Quantum Mechanics from the point of view of Mathematical Physics. It is mainly addressed to young people interested in working on the subject.

Topics: Quantum systems with magnetic fields, quantum transport theory, decoherence and entanglement, classical behaviour in quantum systems, scattering and spectral analysis for Schroedinger operators, quantum chaos, adiabatic and semiclassical methods, nonlinear Schroedinger equations.

Organizing Committee: R. Adami (Milano), L. Barletti (Firenze), F. Cardin (Padova), G. Dell'Antonio (Roma La Sapienza and SISSA), R. Figari (Napoli), S. Graffi (Bologna), G. Panati (Roma La Sapienza), M. Pulvirenti (Roma La Sapienza), A. Sacchetti (Modena), A. Teta (L'Aquila).

Financial support: Some financial support will be available for young participants.

Information: <http://www.MMQM.unimore.it>; email: andrea.sacchetti@unimore.it.

March 2009

* 27–29 **GSCC09: Fifth Annual Graduate Student Combinatorics Conference**, University of Kentucky, Lexington, Kentucky.

Description: The GSCC is a conference by graduate students for graduate students. In addition to two keynote addresses by Richard Stanley, participants have the opportunity to meet their peers from across the country and give short talks on their research or other topics of interest.

Information: <http://www.ms.uky.edu/~gsc/>; email: gsc@ms.uky.edu.

May 2009

* 4–8 **Stochastic and Deterministic Spatial Modeling in Population Dynamics**, American Institute of Mathematics, Palo Alto, California.

Description: This workshop, sponsored by AIM and the NSF, has the objective of generating new ideas about how to model spatial problems arising in epidemiology, ecology, evolution, and other areas involving population dynamics. Some specific techniques that will be examined include patch models, or metapopulations, interacting particle systems and their diffusion limits, graphical models, agent based models, branching diffusions, “small world” models.

Information: <http://aimath.org/ARCC/workshops/populationmodel.html>; email: ebasor@aimath.org.

* 17–21 **SIAM Conference on Applications of Dynamical Systems (DS09)**, Snowbird Ski and Summer Resort, Snowbird, Utah.

Description: The application of dynamical systems theory to areas outside of mathematics has proven to be an exciting and fruitful endeavor. These applications are highly diverse and interdisciplinary, ranging over such fields as Biology, Chemistry, Physics, Engineering, Finance, and Industrial Mathematics. This conference strives to achieve a good mixture of applications and the mathematics that informs them. The goals of the meeting are a cross-fertilization between the different fields of the applications, and increased communication between the mathematicians who build the theory and the scientists who use it.

Information: <http://www.siam.org/meetings/ds09/>; email: wilden@siam.org.

* 25–29 **6th European Conference on Elliptic and Parabolic Problems**, Hotel Serapo, Gaeta, Italy.

Topics: Besides elliptic and parabolic issues, the topics of the conference include geometry, free boundary problems, fluid mechanics, evolution problems in general, calculus of variations, homogenization, control, modeling and numerical analysis. In addition to the plenary talks parallel sessions and minisymposia will be organized.

Information: <http://www.math.uzh.ch/gaeta2009>; email: shafrir@math.technion.ac.il.

* 25–29 **14th International Conference on Gambling & Risk Taking**, Harrah's Lake Tahoe, Stateline, Nevada.

Description: This groundbreaking conference was established in 1974 as a venue for the presentation of academic research on gambling issues. It is broad-based in topic matter and draws the best international academic researchers, as well as government and industry representatives, and professional gamblers. To submit an abstract or to find out more, please visit our website.

Information: <http://www.unr.edu/gaming>; email: dcrowthe@unr.edu.

June 2009

* 3–15 **Interactions Between Hyperbolic Geometry, Quantum Topology and Number Theory Workshop**, Columbia University, New York, New York.

Description: The workshop will feature minicourses in hyperbolic geometry, quantum topology and number theory given by world renowned experts and is aimed at graduate students and recent Ph.D.'s. Support is available for the workshop and conference participants mainly in the form of housing. We also expect to provide partial travel support. Funding is provided by the NSF through an FRG grant. Detailed information about support, speakers and participants will be announced soon on the conference homepage.

Information: <http://www.math.columbia.edu/~volconf09/>; email: achampanerkar@jaguar1.usouthal.edu.

* 14–27 **ESI workshop on large cardinals and descriptive set theory**, Esi, Vienna, Austria.

Description: This workshop is open to the set theory community at large, and will also include introductory lectures accessible to the general mathematical community. There is no registration fee, everybody is welcome to attend.

Program Committee: S. Friedman (Uni. Wien, Austria), M. Goldstern (TU Wien, Austria), R. Jensen (Humboldt-Uni., Germany), A. Kechris (Caltech, USA), W.H. Woodin (UC Berkeley, USA).

Topics: Large Cardinals and Descriptive Set Theory; including: Inner model theory for a supercompact, the PCF and the Omega conjecture, the consistency of superstrongs with fine structure theory, the inner model hypothesis; Borel and analytic equivalence relations and graphs, Fraisse limits, topological dynamics and Ramsey theory, countable equivalence relations, measure preserving actions and rigidity theory, theory of turbulence, classification problems in ergodic theory.

Information: http://www.logic.univie.ac.at/conferences/2009_esi/; email: kellner@fsmat.at.

* 18–19 **2nd IMA International Conference on Mathematics in Sport**, University of Groningen, The Netherlands.

Description: The term Sport is interpreted liberally here and includes: Games and pastimes; gambling and on-line gaming; lotteries; and general fitness and health-related activities.

Topics: Econometrics in sport; competitive strategy; match outcome models; decision support systems; analysis of sporting technologies; analysis of rules and adjudication; performance measures and

models; optimization of sports performance; mathematics education and sport, optimal tournament design and scheduling; computationally intensive methods.

Information: <http://online.ima.org.uk/>; email: pam.bye@ima.org.uk.

* 22-26 **The 10th European Congress of Stereology and Image Analysis**, University of Milan, 20133 Milan, Italy.

Description: The aim of ECS10 is to bring together leading scientists working in the areas of (but not limited to), stereology, geometrical and topological tools: 2d and 3d shape factors, norms, metrics, gauges, discrete geometry, main mathematical and physical transforms: fourier, Karhunen-Loève, Walsh-Hadamard, wavelets, time-frequency, stochastic geometry and related statistical methods, spatial processes, pattern analysis, texture evaluation, fractals, image enhancement, 3D reconstruction, colour images, micro- and nano-structures, biology and medicine, biotechnology, agriculture, materials, tomography, x-ray Scanner, PET-scan..., high resolution imaging in remote sensing, vision, industrial control, real time aspects, electronic architectures, microelectronics, secure information systems

Information: <http://ecs10.mat.unimi.it/>; email: ecs10@mat.unimi.it.

July 2009

* 1-3 **International Conference of Applied and Engineering Mathematics 2009**, Imperial College London, London, United Kingdom.

Description: The conference ICAEM'09 is held under the World Congress on Engineering 2009. The WCE 2009 is organized by the International Association of Engineers (IAENG), and serves as good platforms for the engineering community members to meet with each other and to exchange ideas. The last IAENG conferences in 2008 attracted a total of over seven hundred participants from over 30 countries. All submitted papers will be under peer review and accepted papers will be published in the conference proceeding (ISBN: 978-988-17012-5-1). The accepted papers will also be considered for publication in the special issues and in edited books. Draft Paper Submission Deadline: March 2, 2009.

Information: <http://www.iaeng.org/WCE2009/ICAEM2009.html>; email: wce@iaeng.org.

* 14-24 **The 19th International Conference on Banach algebras**, Beledwo, Poland.

Description: The theme of the meeting will be "Banach algebras and their applications".

Organizers: H. G. Dales (Leeds, UK), K. Jarosz (Illinois, USA), and A. Soltysiak (Poznan, Poland). The honorary president of the meeting is Wieslaw Zelazko (Warsaw).

Supporter: This meeting is supported by the Polish Academy of Sciences.

Plenary speakers: David Blecher (Houston, USA), Jean Esterle (Bordeaux I, France), Gilles Godefroy (Paris VI, France), Sophie Grivaux (Lille I, France), Viktor Losert (Vienna, Austria), Matthias Neufang (Ottawa, Canada), Eve Oja (Tartu, Estonia), Alexei Pirkovskii (Moscow, Russia), Gilles Pisier (Texas A&M, USA and Paris VI, France), Thomas Ransford (Québec, Canada), Charles Read (Leeds, UK), Zhong-Jin Ruan (Urbana-Champaign, USA), Stefaan Vaes (Leuven, Belgium), Stanislaw Woronowicz (Warsaw, Poland).

Information: <http://www.siue.edu/MATH/BA2009/>.

* 14-January 15 **Call for Papers: 14th International Conference on Gambling and Risk Taking**, University of Nevada, Reno, at Harrah's Lake Tahoe, Nevada.

Description: We are looking for persons interested in submitting an abstract for the 14th International Conference on Gambling and Risk Taking.

Topics: Research topics vary in nature, however those of interest may include: Mathematical & quantitative analysis of gambling, econometric modeling of gaming industries, and gaming companies, economic of gambling.

Information: To view the Call for Papers, please visit: <http://www.unr.edu/gaming>; email: dcrowthe@unr.edu.

fundació FERRAN SUNYER I BALAGUER

Institut d'Estudis Catalans



Call for the 17th edition of the Ferran Sunyer i Balaguer Prize

The prize will be awarded for a **mathematical monograph** of an expository nature presenting the latest developments in an active area of research in Mathematics.

The prize consists of **12.000 euros** and the winning monograph will be published in **Birkhäuser Verlag's** series "Progress in Mathematics".

DEADLINE FOR SUBMISSION:

December 4, 2008

<http://ffsb.iec.cat>

City University of Hong Kong is one of eight tertiary institutions funded by the Government of the Hong Kong Special Administrative Region through the University Grants Committee of Hong Kong. A young and dynamic institution, the University aspires to be internationally recognized as a leading university in the Asia-Pacific region through excellence in professional education and applied research. It has a growing international reputation, as evidenced by its surge up the rankings of the world's top 200 universities according to the Times Higher Education Supplement. The mission of the University is to nurture and develop the talents of students and to create applicable knowledge in order to support social and economic advancement. Currently, approximately 26,000 students are enrolled in over 180 programmes ranging from associate degrees to PhD. The medium of instruction is English.

The University invites applications for the following posts. Candidates with applied research achievements will receive very positive consideration. Relevant experience in business and industry will be a definite asset.

Associate Professor/Assistant Professor (2 posts) Department of Mathematics [Ref. A/539/49]

Duties: Teach undergraduate and postgraduate courses, supervise research students, conduct research in areas of Applied Mathematics, and perform any other duties as assigned.

Requirements: A PhD in Mathematics/Applied Mathematics/Statistics with an excellent research record.

Salary and Conditions of Service

Salary offered will be highly competitive and commensurate with qualifications and experience. Appointment will be on a fixed-term gratuity-bearing contract. Fringe benefits include annual leave, medical and dental schemes, and housing benefits where applicable.

Application and Information

Further information about the posts and the University is available at <http://www.cityu.edu.hk>, or from the Human Resources Office, City University of Hong Kong, Tat Chee Avenue, Kowloon, Hong Kong [Fax: (852) 2788 1154 or (852) 2788 9334/email: hrojob@cityu.edu.hk]. Please send an application letter enclosing a current curriculum vitae to the Human Resources Office by **16 January 2009**. Please quote the reference of the post applied for in the application and on the envelope.

The University reserves the right to consider late applications and nominations, and to fill or not to fill the positions. Personal data provided by applicants will be used for recruitment and other employment-related purposes.