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/`.

February 2010

* 1–March 6 **Math-Info 2010: Towards new interactions between mathematics and computer science**, International Center for Mathematical Meetings (C.I.R.M.), Marseille, France.
Description: This thematic month will be split into five weeks: * from Feb. 1–5: Lattice Reduction. * from Feb. 8–12: Dynamics and Computation. * from Feb. 15–19: Multi-dimensional Subshifts and Tilings. * from Feb. 22–26: Sage Days. * from March 3–5: Topological Methods for the Study of Discrete Structures. The mornings are devoted to lectures (around three lectures of four hours each for each week), given by renowned researchers. The specificity of this conference is that participants can propose topics and names for the afternoon working sessions in order to speak about their results or discuss some problems with other participants. **You can propose such working sessions** by sending us an email or directly on the webpage: `http://www.lirmm.fr/arith/wiki/MathInfo2010/CallForWorkshopProposals`. If you intend to participate, **you need to register** as soon as possible on the website: `http://www.lirmm.fr/arith/wiki/MathInfo2010/Pre-registration`.
Information: `http://www.lirmm.fr/MathInfo2010`; `http://www.lirmm.fr/arith/wiki/MathInfo2010/Location`.

* 1–12 **X Winter Diffiety School**, Academic Gymnasium, St. Petersburg State University, St. Petersburg, Russia.
Description: The aim of this permanent School is to introduce undergraduate and Ph.D. students in Mathematics and Physics as well as post-doctoral researchers in a recently emerged area of Mathematics and Theoretical Physics: SECONDARY CALCULUS. A "diffiety" is a new geometrical object that properly formalizes the concept of the solution space of a given system of (nonlinear) PDEs, much as an algebraic variety does with respect to solutions of a given system of algebraic equations. SECONDARY CALCULUS is a natural diffiety analogue of the standard Calculus on smooth manifolds, and as such leads to a very rich general theory of nonlinear PDEs. It appears that it is this the only natural language of quantum physics, just as the standard Calculus is for classical physics.
Information: `http://www.levi-civita.org/Activities/DiffietySchools/XIWDS`.

* 14–19 **Young Set Theory Workshop 2010**, Seminarzentrum Raach, near Vienna, Austria.
Description: The third annual Young Set Theory Workshop will take place between 15-19 February 2010 at Seminarzentrum Raach (`http://www.szr.at`) located one hour south of Vienna in Raach am Hochgebirge. The aim of this conference is to bring together Ph.D. students and postdocs in Set Theory in order to learn from leading researchers in the field, hear about the latest research, and to discuss research issues in a co-operative environment. The conference format will be similar to previous years, including tutorials, postdoc research talks, and discussion sessions.
Information: `http://www.math.uni-bonn.de/people/logic/events/young-set-theory-2010/`.

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/`.

* 27–28 **2nd International Conference on Wireless Information Networks & Business Information System (WINBIS2010)**, Kathmandu, Nepal.
Description: The aims of WINBIS'10 is bring together researchers, engineers, and practitioners interested on wireless information Networks & Business information systems to make international forum WINBIS'10 will not only present the papers, also give the ideas on how to analyze & approach problems by combining wireless information system & Business information system and it's applications.
Information: http://www.win-bis.com.

March 2010

* 14–17 **2010 Interpore Conference and Annual Meeting, Texas A&M, Mar 2010**, Texas A&M University, College Station, Texas.
Description: The goal of the conference is to provide a forum for discussing the academic and industrial challenges of porous media, as well as to foster collaboration among theoreticians, modelers and experimentalists working in porous media research. The *International Society for Porous Media* (InterPore) is a non-profit-making independent scientific organization established in 2008. The general aim of the Society is to advance and disseminate knowledge for the understanding, description, and modeling of natural and industrial porous media systems (see http://www.interpore.org/ for more information). The conference will include keynote lectures, invited oral presentations, and poster sessions. No parallel sessions are planned, and oral presentations are by invitation only.
Deadline: The abstracts for poster session presentations are to be sent to: interpore2010@gmail.com.
Information: See http://isc.tamu.edu/news-and-events/2010-interpore-conference-and-annual-meeting.html.

* 15–19 **Arizona School of Analysis with Applications**, University of Arizona, Tucson, Arizona.
Description: This school is primarily organized for graduate students and postdocs, but everybody is welcome. The core program consists of four minilectures by Rafael Benguria (Isoperimetric Inequalities for Eigenvalues of the Laplacian), Laszlo Erdos (Universality of Wigner Random Matrices), Michael Loss (Kinetic Theory and Kac's Master Equation), and Gunter Stolz (Localization in Disordered Media). Thanks to support by the University of Arizona and the NSF, we can contribute to the travel costs of many participants.
Information: http://www.mathphys.org/AZschool/.

* 22–26 **Conference "Recent Advances in Function Related Operator Theory"**, Hotel "Rincon of the Seas", Rincon, Puerto Rico.
Topics: Operator theory, Function theory in spaces of analytic and harmonic functions, Approximation theory, Applications of operator theory.
Information: More information through the conference web page: http://www.albany.edu/rafrot; or email: rafrot@albany.edu.

May 2010

* 13–15 **International Conference Devoted to the Memory of Academician M. Kravchuk (1892–1942)**, National Technical University of Ukraine, Kyiv, Ukraine.
Description: The Programme of the Conference includes the following 4 sections: 1. Differential and integral equations, its applications. 2. Algebra, geometry. Mathematical and numerical analysis. 3. Theory of probability and mathematical statistics. 4. History, methods of teaching of mathematics.
Opening ceremony: May 13, at 2:30 pm.
Registration fee: US $50.00 (you can pay, when you arrive to Kyiv). All registration fees include a book of abstracts, daily coffee breaks and excursion.
Information: kravchukconf@yandex.ru.

* 14–15 **A Celebration of Mathematics and the 40th Anniversary of Jeffery Hall**, Queen's University, Kingston, Ontario, Canada.
Description: In the post-Sputnik era, Canada and the United States faced an immense challenge to bring the scientific research levels of both nations to a higher standard. In the mathematical field, this challenge was met in Canada by several mathematicians, the most notable being Professor R. L. Jeffery of Queen's University. By strengthening the Canadian Mathematical Society and by organizing the summer research seminars held at Queen's University during the 1950s and 1960s, Professor Jeffery was instrumental in raising the level of mathematical research in Canada. Jeffery Hall, which presently houses the Department of Mathematics and Statistics at Queen's University, is named after him. This building was 40 years old in October, 2009. The world now faces a similar challenge to the one Professor Jeffery faced in the 1950s. To keep the importance of mathematical research in the forefront of our scientific consciousness, as well as to commemorate the 40th anniversary of Jeffery Hall and honour Professor Jeffery, the Department of Mathematics and Statistics at Queen's University is planning a two-day celebration from May 14-15, 2010. Several presentations are planned. Professor Sir David Cox of the University of Oxford, Professor Hale Trotter of Princeton University and Professor Gerhard Frey of the University of Duisburg, Essen, have already agreed to speak. A lecture surveying the development of research in mathematics in Canada, as well as R. L. Jeffery's role in the Canadian Mathematical Society, is also planned. It is anticipated that this celebration will galvanize and reinforce the mathematical talent in Canada to meet the present scientific and technological challenges. It is expected that many alumni and others will attend.
Information: If you would like to be put on the mailing list to receive more information, please write by mail to: Dr. A. M. Herzberg FRSC, Department of Mathematics, Queen's University, Kingston, Ontario K7L 3N6; by email: Miss A. Burns; burnsa@queensu.ca.

* 16–22 **ESF Mathematics Conference in partnership with EMS and ERCOM Algebraic Methods in Dynamical Systems**, The Institute of Mathematics Conference Centre, Bedlewo, Poland.
Description: The conference is intended to give an account of the new results concerning algebraic methods in dynamical systems. Morales-Ramis theorem establishing the quasi-abelianity of the differential Galois group of the variational equation along a particular solution of a meromorphically completely integrable Hamiltonian system have led during the recent years to a big number of new results on non-integrability of Hamiltonian systems. More recently, the application of differential Galois theory to the study of Hamiltonian systems is no longer limited to Picard-Vessiot theory but is extended to the more general setting based on recent results of Malgrange and Umemura.
Information: http://www.esf.org/conferences/10320.

* 17–20 **The Seventh International Conference on Computational Physics**, Fragrant Hill Hotel, Beijing, China.
Focus: The conference will focus on key aspects of computational physics, including theory, numerical methods, and applications. Twenty-two invited speakers have confirmed their participation in ICCP7. Papers submitted to ICCP7 will have an opportunity to be published in one of two journals (*Communications in Computational Physics*, *Chinese Journal of Computational Physics*). The Scientific Committee will give recommendation for publication of quality papers. For any enquiry you are welcome to send an email to: iccp7@iapcm.ac.cn.
Organizer: ICCP7 is organized by the Institute of Applied Physics and Computational Mathematics.
Information: For further information on the conference venue, please visit the website: http://www.xsfd.com/; http://www.iapcm.ac.cn/iccp7/.

* 23–28 **Conformal maps: from probability to physics**, Monte Verita, Ascona, Ticino, Switzerland.
Description: The conference centers on random structures in the context of complex analysis, inspired by interactions between math-

ematics and physics. The central example is perhaps the Stochastic Loewner Evolution, introduced by Oded Schramm. SLE arises as the scaling limit of interfaces in 2D lattice models at criticality (percolation, Ising model, self avoiding polymers), and its elegant combination of probability and complex analysis has led to the proofs of many conjectures originating in physics. Other topics include Diffusion Limited Aggregation (a model for electrodeposition and other phenomena), Hele-Shaw flow (describing interfaces between fluids of different viscosities, e.g. oil and water), 2D Quantum Gravity and Random Maps.
Organizers: K. Astala, S. Rohde, S. Smirnov.
Information: http://www.unige.ch/~hongler/ascona/.

* 26–29 **Workshop on Combinatorial and Additive Number Theory (CANT 2010)**, CUNY Graduate Center, New York, New York.
Description: This is the eighth in a series of annual spring workshops sponsored by the New York Number Theory Seminar on problems in combinatorial and additive number theory and related parts of mathematics. In addition to long and short talks, each day of the conference will include a problem and discussion session. Previous CANT conferences have attracted many graduate students as well as research mathematicians, and students are encouraged to attend. A list of lecturers and other information will be posted on the conference website. Mathematicians who wish to speak at the meeting are encouraged to submit a title and abstract to: melvyn.nathanson@lehman.cuny.edu.
Information: http://www.theoryofnumbers.com.

June 2010

* 7–11 **International Conference on Applied Mathematics (with the first William Benter Prize in Applied Mathematics)**, City University of Hong Kong, Hong Kong.
Description: In recent years, huge advances have been achieved through the application of mathematical ideas and techniques to a wide variety of fields. The International Conference on Applied Mathematics will cover a wide range of topics including all aspects of applied mathematics. The objective of this conference is to provide a forum for the exchange of expertise, experience, and insights by mathematical scientists, physicists, and young researchers who are active in the area of applied mathematics, and to encourage leading scientists from abroad to further strengthen their cooperation with local scientists. The first William Benter Prize in Applied Mathematics will be awarded and the winner will be presented with the prize (http://www6.cityu.edu.hk/rcms/WBP/the_prize.html) during the conference. The aim of the prize is to recognize outstanding mathematical contributions that have had a direct and fundamental impact on scientific, business, finance, or engineering applications.
Information: http://www6.cityu.edu.hk/rcms/WBP/int_conf.html.

* 7–11 **International Functional Analysis Meeting in Valencia on the Occasion of the 80th Birthday of Professor Manuel Valdivia**, University of Valencia, Valencia, Spain.
Description: This conference will emphasize different areas of functional analysis. It will provide a venue for established scholars to interact with each other and with junior scholars. Partial support for a small number of participants is expected to be available. Recent recipients of doctoral degrees and pre-doc students are encouraged to apply. The meeting will take place in Valencia as a joint venture of the University of Valencia and the University Politécnica of Valencia. It will take place in the Mathematics building (and surrounding large lecture theaters) in Burjassot (Valencia) from June 7–11, 2010 (both days included). The structure of the conference is of plenary and long invited lectures in the morning, and twelve parallel sessions in the afternoon.
Information: http://www.adeit.uv.es/fav2010/.

* 7–11 **7th Annual Conference on Theory and Applications of Models of Computation- TAMC 2010**, Charles University, Prague, Czech Republic.
Description: TAMC is an international conference series with an interdisciplinary character, bringing together researchers working in computer science, mathematics and the physical sciences. The crossdisciplinary character, together with its focus on algorithms, complexity and computability theory, gives the conference a special flavor and distinction. The TAMC conference series arose naturally in response to important scientific developments affecting how we compute in the twenty-first century. Originally aimed to become a significant contributor to the scientific resurgence seen in East Asia, TAMC is now playing an important international role in contemporary applications of theoretical computer science. After six successful conferences held in China (Bejing 2004 and 2006, Kunming 2005, Shanghai 2007, Xi'an 2008, ChangSha 2009) TAMC is leaving Asia for the first time.
Information: http://www.tamc2010.cz.

* 15–19 **The Thirteenth International Conference on "Hyperbolic Problems: Theory, Numerics and Applications"**, Beijing, People's Republic of China.
Description: The objective of this conference is to bring together researchers, practitioners, and students with interest in theoretical analysis, numerical simulations, and applications of hyperbolic PDEs and related mathematical models appearing in the area of applied sciences. The conference will keep the traditional balance of the HYP series, blending theory, numerics and applications. In addition, additional new attracting points are also taken into granted.
Information: For more information about the conference list of the Scientific Committee and Invited Speakers, registration fee and the related things including possible support for young mathematicians from developing countries, please visit the HYP2010 conference website at: http://www.amt.ac.cn/hyp2010/.

* 16–21 **XI International Conference "Current Geometry"**, Vietri sul Mare Salerno, Italy.
Description: The power of synthesis of Geometry, which led in the past to the formulation of "grand unification theories", has got an essential role nowadays, especially because of the growing fragmentation of knowledge due to scientific progress. In order to avoid too big a dispersion, geometers need a constant dialogue. Therefore, a stable experience of personal meetings, apart from telematic interchanges, cannot be renounced. Current Geometry was born to allow a periodic update about actual progresses in Geometry (and its applications) on the international scene.
Information: http://www.levi-civita.org/Activities/Conferences/xicurrentgeometry.

* 17–19 **[FG60] Computational and Geometric Topology**, Bertinoro, Forli, Italy.
Description: The research groups of Geometric Topology and Computational Topology of the Universities of Bologna and Modena-Reggio Emilia, Departments of Mathematics, will be organizing a conference in order to celebrate the 60th birthdays of Massimo Ferri and Carlo Gagliardi.
Organizers: P. Bandieri, M. R. Casali, A. Cattabriga (secretary), P. Cristofori, P. Frosini, L. Grasselli, C. Landi, M. Mulazzani (chair).
Information: All the information on the conference and the form to register and/or submit a talk can be found on the conference's web page http://fg60.dm.unibo.it/.

* 19–24 **International Algebraic Conference dedicated to the 70th birthday of A. V. Yakovlev**, St. Petersburg, Russia.
Organizing committee: A. Generalov (chair), N. Gordeev, I. Fesenko, G. Leonov, A. Merkuriev, E. Novikova, I. Panin, A. Semenov, N. Vavilov, S. Vostokov, I. Zhukov.
Information: http://www.pdmi.ras.ru/EIMI/2010/iac/.

* 20–25 **The Twelfth National Conference in Algebra (China)**, Northwest Normal University, Lanzhou, Gansu, China.

Description: The National Conference in Algebra is the largest national conference in China. It is held every two years. All areas of algebra and their applications will be covered. At the last conference, there were several hundred presentations and over 500 participants. It will be a good opportunity for both the experts and beginning researchers to learn the most recent developments in algebra in China. The conference encourages participants from within and outside of China.
Information: http://www.nwnu.edu.cn/algebra.

* 21–25 **Harmonic Analysis and Related Topics**, Instituto Superior Técnico, IST, Lisbon, Portugal.
Description: The Summer School and Workshop "Harmonic Analysis and Related Topics" is intended both for Ph.D. students and young researchers and also experts in various topics related to Harmonic Analysis and Function Spaces. Summer School includes three short courses: "Sobolev, capacitary and isocapacitary inequalities" (Vladimir Maz'ya), "Weighted problems for operators of Harmonic Analysis in some Banach Function Spaces" (Vakhtang Kokilashvili), "Variable Lebesgue Spaces" (David Cruz-Uribe). The workshop is supposed to cover a number of topics in Harmonic Analysis, Function spaces, and related areas.
Information: http://www.math.ist.utl.pt/~hart2010/.

* 21–26 **2nd International Conference for Promoting the Application of Mathematics in Technical and Natural Sciences (AMiTaNS'10)**, Sozopol, Bulgaria.
Description: The conference will be scheduled in plenary and keynote lectures followed by special and contributed sessions. The accents of the conference will be on Difference and Spectral methods; Applied Analysis, Biomathematics, Continuum Mathematics, which can be complemented by new topics. You are welcomed to announce and organize special sessions that should be within the general topic of the conference. Everybody, who is interested in attending AMiTaNS'10 please let him/her prepare a short abstract within 300 words clearly stating the goal, tools and results and submit it at: conference@eac4amitans.org and fill out the online Application form. In case of problems please send its text version as attachment to e-mail: conference@eac4amitans.org.
Deadline: For both submissions is March 31, 2010.
Information: http://2010.eac4amitans.org/.

* 22–25 **Group Representation Theory and Related Topics**, EPFL, Centre Interfacultaire Bernoulli, Lausanne, Switzerland.
Description: This is an international conference that will take place in Lausanne, Switzerland. Group representation theory is a very active area of mathematics which has connections and overlaps with areas such as algebraic topology, K-theory, algebraic geometry and commutative ring theory. Research in the area has been driven by several conjectures and open problems which have pushed the development of new methodology and broader interactions with other areas of mathematics. The aim of the conference is to stimulate activity in and enhance interaction between representation theory and other areas of mathematics, like those presented above. In addition to the lectures, there will be a conference dinner in honor of Professor Jacques Thevenaz.
Information: http://grt.epfl.ch.

* 29–July 4 **23nd International Conference on Operator Theory**, West University of Timisoara, Timisoara, Romania.
Description: The conference is devoted to operator theory, operator algebras and their applications (differential operators, complex functions, mathematical physics, matrix analysis, system theory, etc.).
Information: http://www.imar.ro/~ot/.

July 2010

* 4–17 **40th Probability Summer School**, Saint-Flour, France.
Description: Founded in 1971, this school is intended for Ph.D. students, teachers and researchers who are interested in probability theory, statistics, and in applications of these techniques. The three 12-hour courses of this year will be given by Franco Flandoli, Giambattista Giacomin, and Takashi Kumagai.
Information: http://math.univ-bpclermont.fr/stflour/.

* 12–14 **2010 International Conference on Theoretical and Mathematical Foundations of Computer Science (TMFCS-10)**, Orlando, Florida.
Description: TMFCS is an important event in the theoretical, mathematical and logical areas of computer science. The conference will be held at the same time and location where several other major international conferences will be taking place.
Information: For other conferences associated with MULTICONF-10, please visit: http://www.promoteresearch.org.

* 28–30 **The Mathematics of Klee & Grunbaum: 100 Years in Seattle**, University of Washington, Seattle, Washington.
Description: A celebration of the long and illustrious careers of Victor Klee and Branko Grunbaum and their fundamental contributions to discrete mathematics and geometry. There will be 18 invited talks, a poster session and an open problems session. Details available at the above website.
Information: http://sites.google.com/a/alaska.edu/kleegrunbaum/.

August 2010

* 9–13 **Permutation Patterns 2010**, Dartmouth College, Hanover, New Hampshire.
Topics: The conference topics include (but are not limited to) enumeration questions, forbidden pattern questions, study of the permutation pattern order, algorithms for computing with permutation patterns, applications and generalizations of permutation patterns, and others.
Plenary Lectures: There will be two invited plenary lectures by Nik Ruškuc and Richard P. Stanley, as well as contributed talks.
Information: http://math.dartmouth.edu/~pp2010/.

* 27–31 **Differential Geometry and its Applications**, Masaryk University, Faculty of Science, Brno, Czech Republic, Europe.
Description: The DGA conferences take place regularly at one of the Czech universities every three years; the tenth conference in the series took place in Olomouc in 2007.
Invited plenary speakers: Shun-ichi Amari (Japan), Robert Bryant (MSRI, USA), Andreas Cap (Vienna, Austria), Anna Fino (Torino, Italy), Joseph M. Landsberg (Texas, USA), Franz Pedit (Amsherst & Tuebingen), Lorenz Schwachhoefer (Dortmund, Germany), Zhongmin Shen (Indianapolis, USA), Jian Song (Rutgers, USA), Vladimir Soucek (Prague, Czech Republic), Gudlaudur Thorbergsson (Koeln, Germany). The Editorial Board meeting of the journal of the same name, cf. http://www.elsevier.com/locate/difgeo will take place during the conference.
Information: http://dga.math.muni.cz/dga2010.

September 2010

* 7–11 **International Conference "Modern Stochastics: Theory and Applications II"**, Kyiv National Taras Shevchenko University, Kyiv, Ukraine.
Description: Conference is dedicated to the anniversaries of prominent Ukrainian scientists: A. Skorokhod, V. Korolyuk, I. Kovalenko.
Sessions: Diffusion Processes, Fractal Analysis, Gaussian and Related Processes and Fields, Generalized Renewal Processes, Information Security, Interacting Particle Systems, Limit Theorems, Markov and Semi-Markov Processes, Mathematics of Finance, Queuing Systems, Risk Processes and Actuarial Mathematics, Statistics of Stochastic Processes, Stochastic Analysis, Stochastic Differential Equations, Stochastic Models of Evolution Systems.
Keynote speakers: Yu. Belyaev, Sweden; V. Buldygin, Ukraine; A. Bulinski, Russia; J. M. Corcuera, Spain; P. Doukhan, France; M. Dozzi, France; A. Dudin, Belarus; A. Gushchin, Russia; V. Konakov, Russia;

Yu. Kondratiev, Germany; K. Kubilius, Lithuania; N. Leonenko, UK; N. Limnios, France; E. Merzbach, Israel; I. Molchanov, Switzerland; E. Orsingher, Italy; G. Peccati, France; D. Silvestrov, Sweden; E. Valkeila, Finland; V. Vatutin, Russia; A. Veretennikov, UK.
Information: http://probability.univ.kiev.ua/msta2conf.

* 7–11 **Logic, Algebra and Truth Degrees 2010**, Prague, Czech Republic.
Description: Mathematical Fuzzy Logic is a subdiscipline of Mathematical Logic which studies the notion of comparative truth. The assumption that "truth comes in degrees" has proved to be very useful in many, both theoretical and applied, areas of Mathematics, Computer Science, and Philosophy.
Goal: The main goal of this meeting is to foster collaboration between researchers in the area of Mathematical Fuzzy Logic, and to promote communication and cooperation with members of neighbouring fields.
Invited speakers: Arnon Avron, Félix Bou, Agata Ciabattoni, Roberto Cignoli, Ioana Leustean, Franco Montagna, James G. Raftery, and Hiroakira Ono.
Tutorials by: George Metcalfe and Vilém Novák.
Program committee: Petr Hájek (Chair), Antonio Di Nola, Christian Fermüller, Siegfried Gottwald, Daniele Mundici, and Carles Noguera.
Deadline for submissions: March 20, 2010.
Information: http://www.mathfuzzlog.org/latd2010/.

* 7–12 **Geometry, Dynamics, Integrable Systems 2010**, Mathematical Institute SANU, Belgrade, Serbia.
Main Topics: Integrable Systems, Classical Mechanics, Nonholonomic Mechanics, Rigid Body Dynamics, Lie Algebras and Lax Representation, Separation of Variables.
Scientific Committee: Alain Albouy, Sergio Benenti, Alexander Bobenko, Alexey Bolsinov, Alexey Borisov, Victor Buchstaber, Pantelis Damianou, Vladimir Dragovic, Boris Dubrovin, Valery Kozlov, Igor Krichever, Sergey Novikov (Chairman), Anatol Odzijewicz, Tudor Ratiu, Vered Rom-Kedar, Andrey Tsiganov, Marcelo Viana, Jean-Claude Zambrini, Rade Zivaljevic.
Information: Contact: gdis2010@mi.sanu.ac.rs; http://www.mi.sanu.ac.rs/~gdis2010/.

* 12–17 **ESF Mathematics Conference in Partnership with EMS and ERCOM/INI: Highly Oscillatory Problems: From Theory to Applications**, The Isaac Newton Institute, Cambridge, United Kingdom.
Description: Highly oscillatory phenomena occur in a wide range of mathematical applications: from fluid to solid mechanics, electromagnetics, acoustics, combustion, computerised tomography and imaging, molecular dynamics, quantum chemistry, plasma transport and electrical engineering. Such phenomena have attracted a great deal of mathematical attention, mainly in harmonic analysis, asymptotic analysis, homogenisation, differential geometry, theory of Hamiltonian systems and theory of integrable systems. They have an oft-undeserved reputation of being hopelessly difficult to analyse and to compute: the truth of the matter is that, once they have been understood from the mathematical standpoint, effective computational algorithms are bound to follow.
Information: http://www.esf.org/conferences/10340.

* 13–17 **Third International Congress on Mathematical Software [ICMS'2010—developers meeting]**, Department of Mathematics, Kobe University, Kobe, Japan.
Description: This congress is the third in the series, where the first meeting was held in Beijing in 2002 and the previous one in Castro Urdiales, Spain in 2006; see http://www.icms2006.unican.es/. We will welcome developers of mathematical software systems as well as researchers in algorithms and mathematicians who are interested in the development of mathematical software and systems. This is an almost unique chance to meet people in different disciplines in mathematics and computer science and exchange ideas on developments on mathematical software and systems. While the main audience of this meeting is assumed to be developers of mathematical software and software systems, we welcome the participation of mathematicians and scientists who are interested in using mathematical software for their research. The proceedings of the congress is planned and all accepted papers and short communications will be published as Springer Lecture Notes in Computer Science (LNCS).
Information: http://www.mathsoftware.org/.

* 17–19 S^4 **Conference on Symmetry, Separation, Superintegrability and Special Functions**, School of Mathematics, University of Minnesota, Minneapolis, Minnesota.
Description: This conference is in honor of Willard Miller Jr., who will be retiring from the University of Minnesota. Topics will include symmetry methods for differential equations, higher symmetries, separation and multi-separation of variables, special functions and orthogonal polynomials, Hamiltonian systems, both classical and quantum, super-integrability and its connections with separability and quasi-exact solvability, and applications to physical systems arising in classical and quantum mechanics and relativity.
Information: http://www.math.umn.edu/conferences/s4/.

November 2010

* 8–10 **2010 IEEE International Conference on Technologies for Homeland Security**, Westin Hotel, Waltham, Massachusetts.
Description: The tenth annual IEEE Conference on Technologies for Homeland Security (IEEE HST '10) will focus on innovative technologies for deterring and preventing attacks, protecting critical infrastructure and individuals, and mitigating damage and expediting recovery. Submissions are desired in the broad areas of critical infrastructure and key resources protection (CIKR), border protection and monitoring, and disaster recovery and response, with application within about five years.
Information: http://www.ieee-hst.org.

The following new announcements will not be repeated until the criteria in the next to the last paragraph at the bottom of the first page of this section are met.

September 2011

* 10–16 **Turning Dreams into Reality: Transformations and Paradigm Shifts in Mathematics Education**, Rhodes University, Grahamstown, South Africa.
Description: International Conference of The Mathematics Education into the 21^{st} Century Project.
Preliminary Announcement and Call for Papers: The Mathematics Education into the 21^{st} Century Project has just completed its tenth successful international conference in Dresden, Germany, following conferences in Egypt, Jordan, Poland, Australia, Sicily, Czech Republic, Malaysia and the USA. Our project was founded in 1986 and is dedicated to the planning, writing and disseminating of innovative ideas and materials in Mathematics, Statistics, Science and Computer Education.
Organizing Committee: The chairman is Professor Marc Schafer of Rhodes University.
Information: For further conference details please email Alan Rogerson, Chairman of the International Programme Committee: alan@rogerson.pol.pl.