
Mathematics Calendar

February 2011

* 3–5 **From p-adic differential equations to arithmetic algebraic geometry on the occasion of Francesco Baldassarri's 60th birthday**, Università di Padova, Padova, Italy.

Description: The conference is organized on the occasion of the 60th birthday of Francesco Baldassarri, a leading figure in the fields of p-adic analysis and arithmetic algebraic geometry.

Invited speakers: The conference will include invited speakers working on related problems.

Information: <http://www.math.unipd.it/~ernesto/gruppo/p-adic2011/>.

March 2011

* 21–25 **Young Set Theory Workshop 2011**, A.-Z. Königswinter near Bonn, Germany.

Description: The goal of this workshop is to bring together post-graduates and postdocs in set theory in order to learn from senior researchers in the field, hear about the latest research, and to discuss research issues in small focused groups.

Tutorial speakers: Ali Enayat, Joel Hamkins, Slawomir Solecki, and Juris Steprans.

Postdoc speakers: Samuel Coskey, Dilip Raghavan, Assaf Rinot, Grigor Sargsyan, David Schritterser, and Katherine Thompson.

Information: <http://www.math.uni-bonn.de/people/logic/events/young-set-theory-2011/>.

May 2011

* 5–7 **Workshop on Discrete, Tropical and Algebraic Geometry**, Goethe University, Frankfurt am Main, Germany.

Description: The goal of this workshop is to bring researchers together to discuss current developments in discrete, tropical and algebraic geometry, and also to attract younger people to these areas.

Information: <http://www.math.uni-frankfurt.de/geometry2011/>.

* 27–June 3 **12th Mathematical Theory in Fluid Mechanics**, Paseky/Kacov School, Kacov, Czech Republic.

Description: An activity of the Jindrich Necas Center for Mathematical Modeling, Charles University in Prague. The school will take place in Sport Hotel Kacov (60 kilometers south-east of Prague), in the beautiful countryside of “Posazavi”.

Organizers: Eduard Feireisl (Prague, Czech Republic), Josef Malek (Prague, Czech Republic), Antonin Novotny (Toulon, France), Mirko Rokyta (Prague, Czech Republic), Michael Ruzicka (Freiburg, Germany), Vladimir Sverak (Minnesota, USA).

Main Lectures: Enrique Fernandez Cara (Universidad de Sevilla, Spain), The variable density Navier-Stokes equations and some related topics; Thierry Gallay (Université de Grenoble, France), Stability and interaction of vortices in two-dimensional viscous flows; K. R. Rajagopal (Texas A&M University, USA), Thermodynamics of rate type viscoelastic fluid models; Rolf Rannacher (Ruprecht-Karls-Universität Heidelberg, Germany), Numerical simulation of viscous flow:

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/>.

discretization, optimization and stability; David Silvester (University of Manchester, United Kingdom), Finite elements and fast solvers for incompressible flow problems.

Information: More details and online registration can be found on: <http://www.karlin.mff.cuni.cz/paseky-fluid/2011/>.

- * 31–June 3 **Poster of the 4th Chaotic Modeling and Simulation International Conference (CHAOS2011)**, Agios Nikolaos, Crete, Greece.
Information: Visit <http://www.cmsim.org>; email: secretariat@cmsim.org.

June 2011

- * 5–12 **Symmetry and Perturbation Theory 2011**, Otranto, near Lecce, Italy.
Description: A new conference of the SPT series will be held June 5–12, 2011, in Otranto, near Lecce (Southern Italy). Information about previous SPT conferences is available at: <http://www.sptspt.it>. Talks will be by invitation only. Participation is open to anybody. We expect a poster session will be organized. The conference will be held at Hotel Daniela in Otranto, 40KM South to Lecce, <http://www.grandhoteldaniela.it/>. There will be a small registration fee but no financial support will be available to participants. Registration and/or inscription to the SPT mailing list is possible on the website <http://www.sptspt.it/spt2011>.
Organizers: Giuseppe Gaeta (Milano), Ferdinand Verhulst (Utrecht), Raffaele Vitolo (Lecce), Sebastian Walcher (Aachen). For matters concerning the conference, please use the e-mail address: spt@spt-spt.it.
Information: <http://www.sptspt.it/spt2011>.
- * 6–8 **The International Conference on Numerical Analysis and Optimization (ICeMATH 2011)**, Universitas Ahmad Dahlan, Yogyakarta, Indonesia.
Description: On the occasion of the 50th anniversary of its founding celebration, Universitas Ahmad Dahlan (UAD) together with the collaboration of Journal KALAM have initiated The International Conference on Numerical Analysis and Optimization (ICeMATH 2011).
Information: <http://icemath2011.uad.ac.id/wp/>.
- * 6–10 **Faces of Geometry: 3-manifolds, Groups and Singularities**, Columbia University/Barnard College, New York, New York.
Description: This conference is in honor of Walter Neumann.
Information: <http://www.math.columbia.edu/~walterfest>.
- * 6–10 **Toric geometry and applications**, Catholic University of Leuven, Leuven (Heverlee), Belgium.
Description: The goal of this meeting is to bring together researchers from a wide range of topics in toric geometry, such as: the geometry of toric varieties, effective aspects of toric geometry, toric geometry and mirror symmetry, tropical geometry and algebraic statistics, toric and arithmetic geometry. The research lectures on some of these topics will be preceded by an introductory lecture by an expert.
Information: <http://wis.kuleuven.be/algebra/ToricConference/index.php>.
- * 7–10 **9th International Conference on Applied Cryptography and Network Security (ACNS 2011)**, Nerja, Malaga, Spain.
Deadlines: Submission: January 21, 2011, midnight PDT. Author notification: March 22, 2011. Final version: April 10, 2011.
Information: <http://www.isac.uma.es/acns2011/>.
- * 12–18 **International Conference on Waves and Stability in Continuous Media WASCOM XVI**, Brindisi, Italy.
Main Topics: Discontinuity and shock waves, linear and nonlinear stability in fluid dynamics and solid mechanics, small parameter problems, kinetic theories and comparison with continuum models, propagation and nonequilibrium thermodynamics, group analysis and reduction techniques, numerical and technical applications.
Information: <http://wascom.matematica.unisalento.it>.

- * 15–17 **2011 Usenix Annual Technical Conference (USENIX ATC '11)**, Portland Marriott, Downtown Waterfront, 1401 SW Naito Parkway, Portland, Oregon.

Description: USENIX Annual Tech has always been the place to present groundbreaking research and cutting-edge practices in a wide variety of technologies and environments. Join the community of programmers, developers, and systems professionals in sharing solutions and fresh ideas on topics including Linux, clusters, security, virtualization, system administration, and more. <http://www.marriott.com/pdxor>.
Information: <http://www.usenix.org/event/atc11>.

- * 17–23 **The International Conference “Painlevé equations and related topics”**, Euler Institute, Saint Petersburg, Russia.

Topics: General ODE equations, Painlevé equations and their generalizations, Painlevé property, discrete Painlevé equations, properties of solutions of all mentioned above equations, reductions of PDE to Painlevé equations and their generalization, ODE systems equivalent to Painlevé equations and their generalizations, applications of the equations and the solutions.

Itinerary: The time of the conference is the time of “white nights” in Saint Petersburg.

Information: <http://www.pdmi.ras.ru/EIMI/2011/PC/index.html>.

- * 27–July 8 **Metric Measure Spaces: Geometric and Analytic Aspects**, Université de Montréal, Pavillon André-Aisenstadt, Montréal, Québec, Canada.

Description: In recent decades, metric-measure spaces have emerged as a fruitful source of mathematical questions in their own right, and as indispensable tools for addressing classical problems in geometry, topology, dynamical systems and partial differential equations. The purpose of the 2011 summer school is to lead young scientists to the research frontier concerning the analysis and geometry of metric-measure spaces, by exposing them to a series of mini-courses featuring leading researchers who will present both the state-of-the-art and the exciting challenges which remain.

Information: http://www.dms.umontreal.ca/~sms/Metric11/index_e.php.

- * 30–July 2 **IDOTA—Integral and Differential Operators and their Applications**, Department of Mathematics, University of Aveiro, Aveiro, Portugal.

Description: IDOTA is an international conference in honour of Professor Stefan Samko on the occasion of his 70th birthday, organized by the Center for Research and Development in Mathematics and Applications of the University of Aveiro.

Topics: Integral and differential operators, variable exponent analysis, harmonic analysis, function spaces, nonlinear analysis, factorization theory, boundary value problems and PDEs.

Plenary speakers: Martin Costabel (Rennes, France); Roland Duduchava (Tbilisi, Georgia); George Hsiao (Delaware, USA); Vakhtang Kokilashvili (Tbilisi, Georgia); Carlos Pérez (Seville, Spain); Lars-Erik Persson (Luleå, Sweden); Ilya Spitkovsky (Williamsburg, USA); Vladimir Rabinovich (Mexico City, Mexico); Wolfgang Wendland (Stuttgart, Germany).

Organizers: A. Almeida, A. Caetano, L. Castro (Chairman), A. P. Nolasco, H. Rafeiro, E. Rocha, M. Rodrigues, S. Santos, F.-O. Speck.

Information: <http://IDOTA2011.glocos.org>.

July 2011

- * 21–23 **The 7th IMT-GT International Conference on Mathematics, Statistics, and its Applications (ICMSA 2011)**, Bangkok, Thailand.

Description: The main objective of this conference is to provide a forum for researchers, educators, students and industries to exchange ideas, to communicate and discuss research findings and new advances in mathematics and statistics. To explore possible avenues to foster academic and student exchange, as well as scientific activities within the region. The conference will be a venue to communicate

and discuss on mathematical and statistical problems faced by the industries.

Topics: Mathematics, applications of mathematics, statistics, operations research, mathematical education, and computer sciences.

Information: <http://icmsa2011.nida.ac.th>.

- * 25–29 **IMA Special Workshop: Macaulay2**, Institute for Mathematics and its Applications (IMA), University of Minnesota, Minneapolis, Minnesota.

Description: This workshop will serve as a meeting point for users and developers of Macaulay2. Its goal is to bring together researchers who would like to improve or share their skills at writing packages and those interested in developing the corresponding mathematical algorithms. There will be groups working on packages for numerical algebraic geometry, algebraic statistics, and enumerative algebraic geometry, as well as participants developing new and old packages not necessarily related to these topics. For examples of possible projects see our past workshop topics at <http://wiki.macaulay2.com/Macaulay2>.

Information: <http://www.ima.umn.edu/2010-2011/SW7.25-29.11/>.

- * 25–29 **Non-Associative Algebras and Related Topics**, Department of Mathematics, University of Coimbra, Coimbra, Portugal.

Description: The Theory of Non-Associative Algebras not only constitutes a well-developed and very active area of research but is also an intercurricular one, playing a central role in Mathematics and Physics. The aim of this conference is to bring together mathematicians and physicists interested in this field, with a central goal of increasing the quality of research, promoting interaction among researchers and discussing new directions for the future. The conference will last for five days and, besides a series of contributed sessions, there will also be five plenary talks and four courses. Contributions from all researchers in the area are welcome, including young researchers. The venue will be the historic University of Coimbra, founded in 1290—the first university in Portugal and one of the oldest in Europe.

Information: <http://cmup.fc.up.pt/cmup/nonassociative2011/index.html>.

August 2011

- * 10–12 **USENIX Security 2011: 20th USENIX Security Symposium**, The Westin St. Francis, 335 Powell Street, San Francisco, California.

Description: The USENIX Security Symposium brings together researchers, practitioners, system administrators, system programmers, and others interested in the latest research, policy, and practical advances in the security of computer systems. It stands apart from the many other security conferences in the high level and vendor neutrality of its content.

Information: <http://www.usenix.org/events/sec11>.

- * 14–20 **Special Functions and Orthogonal Polynomials of Lie Groups and their Applications**, Czech Technical University in Prague, Děčín, Czech Republic.

Aim: The aim of the conference is to present recent results on special functions and orthogonal polynomials associated to Lie groups and their application in physics, integrable systems etc.

Topics: Multivariate orthogonal polynomials, special functions associated to Lie groups and quantum groups, Lie groups and algebras, representation theory, orthogonal polynomials and special functions in applications, discretization of orthogonal polynomials and special functions and their applications.

Itinerary: Arrival day: August 14 (Sunday). Lecture days: August 15–19. Departure day: August 20 (Saturday).

Information: <http://www.imath.kiev.ua/~maryna/conf2011.html>.

- * 17–20 **2011 Shanghai International Conference on Social Sciences (SICSS 2011)**, Shanghai, China.

Description: It is our great pleasure to invite you to submit your papers or abstracts to SICSS 2011. The submission deadline is March 15, 2011. Please go to: <http://www.shanghai-ic.org/> for further details. In this conference, all full papers whose authors have presented the papers in the conference will be considered for inclusion in one of several journals, depending on the outcome of the formal review process and the decision of the journal editor.

Important Dates: Deadline for Submission of the Abstract: March 15, 2011. Date for Notification of Acceptance/Rejection: April 15, 2011. Final Manuscript Due: May 15, 2011.

Information: <http://www.shanghai-ic.org/>.

September 2011

- * 19–25 **ICNAAM2011 Symposium: Semigroups of Linear Operators and Applications**, G-Hotels, Halkidiki, Greece.

Information:

Description: The 2nd Symposium on “Semigroups of Linear Operators and Applications” brings together researchers from all over the world to present new results in the theory of linear operators and its applications. Besides scheduling talks from established mathematicians, we will give opportunity to junior researchers to present their works.

Topics: Groups and semigroups of linear operators, one-parameter semigroups and linear evolution equations, Markov semigroups and applications to diffusion processes, Schrödinger and Feynman-Kac semigroups, operator sine and cosine functions, C -semigroups, integrated semigroups, diffusion processes, diffusion processes and Stochastic analysis on manifolds, selfadjoint operator theory in quantum theory, dynamic lattice systems.

Information: http://www.fih.upt.ro/personal/dan.lemle/Lemle_Simpozion_2011.htm.

December 2011

- * 4–9 **LISA'11: 25th Large Installation System Administration Conference**, Sheraton Boston Hotel at 39 Dalton St., Boston, Massachusetts.

Description: System administrators of all specialties and levels of expertise meet at LISA to exchange ideas, sharpen old skills, learn new techniques, debate current issues, and meet colleagues, vendors, and friends. Talks, presentations, posters, WiPs, and BoFs address a wide range of administration specialties, including system, network, storage, and security administration on a variety of platforms including Linux, BSD, Solaris, and OS X.

Information: <http://www.usenix.org/events/lisa11>.

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.

July 2012

- * 30–August 3 **Iwasawa 2012**, Heidelberg University, Heidelberg, Germany.

Description: The Mathematics Center Heidelberg (MATCH) will host the conference “Iwasawa 2012” which is the fifth conference in a bi-annual series. The conference aims to provide a platform to present and discuss the latest developments of research in the area of Iwasawa theory.

Information: <http://www.mathi.uni-heidelberg.de/~iwasawa2012/>.