
Mathematics Calendar

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

October 2005

* **8 Baltic-Nordic Workshop: "Algebra, Geometry, and Mathematical Physics"**, Tallinn, Estonia.

Organizers: Departments of Mathematics of Tallinn University of Technology and Lund Institute of Technology.

Topics: Non-associative systems, operads, Lie theory, quantum groups.

Registration deadline: September 15, 2005.

Information: <http://www.staff.ttu.ee/~agmf>. Contact: Eugen Paal and Sergei Silvestrov; email: eugen@edu.ttu.ee and sergei.silvestrov@math.lth.se.

* **10–November 11 Thematic Period on Algebraic Geometry and Topological Strings**, Instituto Superior Técnico, Lisbon, Portugal.

Aim: This Thematic Period is mostly aimed at Ph.D. students and post-doctoral researchers working in Algebraic Geometry, String Theory and related areas. It will consist of 4 one week courses, together with lectures on related subjects. The courses will be given by Jim Bryan (British Columbia), Albrecht Klemm (Wisconsin), Marcos Marino (CERN and IST) and Rahul Pandharipande (Princeton). **Speakers:** There will be lectures by J. Baptista (Cambridge), R. Cohen (Stanford), T. Graber (Berkeley), S. Gukov (Harvard), Y-P. Lee (Utah), M. Mackaay (Algarve), D. Maulik (Princeton), A. Neitzke (Harvard), A. Okounkov (Princeton) and L. Rastelli* (Princeton). * to be confirmed

Information: Some limited funds are available to help support the stay of pre-docs and post-docs during this period. For more information see: <http://www.math.ist.utl.pt/~strings/AGTS/>.

* **13–15 Applied Linear Algebra in honor of Richard Varga**, Palic, Serbia and Montenegro.

Aim: To review the important scientific milestones of Richard Varga's numerous contributions in linear algebra, matrix theory, numerical linear algebra, numerical analysis, analysis, approximation theory..., but also to report and discuss recent progress through the participation of international leaders in the field, who will gather in his honor.

Deadlines and Fees: Online registration: September 20th, 2005. Registration fees: Early registration (70 EUR): September 1st, 2005. Late registration (100 EUR): September 20th, 2005. Timetable September 25th, 2005. Paper submission: November 15th, 2005.

Workshop Topics: Stochastics & Statistics. Mathematical Foundations of Computer Science.

Organizer: Department of Mathematics and Informatics, Faculty of Science, University of Novi Sad.

Plenary Speakers (tentative list): Volker Mehrmann, Lothar Reichel, Andreas Frommer, Lilia Kolotilina, Daniel Szyld, Tomasz Szulc, Rafael Bru, Lev A. Krukier, Zhong-Zhi Bai.

Information: <http://ala2005.ns.ac.yu/>. <http://perun.im.ns.ac.yu/events/ala2005>.

* **17–21 Autumn School on deformation Theory of Algebraic Structures**, Johannes Gutenberg-Universität, Mainz, Germany.

Speakers: M. van den Bergh, V. Hinich, B. Keller.

Organizers: Manfred Lehn and Marc Nieper-Wißkirchen.

Deadline: July 31st, 2005.

Information: <http://sokrates.mathematik.uni-mainz.de/math/Aktuelles/Deformations>.

November 2005

* **18–20 Homotopy Theory conference in honor of Joe Neisendor-**

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/>.

fer's 60th birthday, Centre de recherches mathématiques, Université de Montréal, Montréal, Canada.

Description: The conference will consist of 10-12 talks starting on Friday afternoon and ending on Sunday at noon. Some of the lectures will survey the current state of classical, unstable homotopy theory problems like the Moore conjectures concerning homotopy exponents or the Barratt conjecture. Some others will be concerned with recent developments in the field, in particular, relations to group theory as well as the study of configuration spaces.

Organizer: Octav Cornea (Université de Montréal).

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

December 2005

* 4-9 **19th Large Installation System Administration Conference (LISA '05)**, San Diego, California.

Description: The annual LISA conference is the meeting place of choice for system and network administrators. 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 and friends.

Information: <http://www.usenix.org/lisa05/>. Contact: Conference Department, conference@usenix.org; tel: 510-528-8649.

* 17-19 **International Symposium on Recent Advances in Mathematics & its Applications (ISRAMA 2005)**, Calcutta Mathematical Society, AE-374, Sector-1, Salt Lake City, Calcutta, India.

Objectives: On the occasion of the ninety seventh foundation anniversary of the Calcutta Mathematical Society. The aim of the Symposium is to provide an ideal forum for participating scientists from India and abroad to exchange ideas and for possible scientific collaboration in the recent developments in different areas of mathematics and their applications. It is hoped that this meeting will help in fostering friendship among the scientists of the participating countries. The program would include invited lectures by eminent researchers as well as contributed papers.

Call for Papers: Authors are requested to submit two copies of the abstracts of their papers not exceeding 500 words indicating the motivation of the problem, its method of solution and important results to the Secretary of the Society or to the Convenor of the Symposium. All the abstracts of the papers are to be screened for presentation in the Symposium. The authors who intend to publish their papers in the Proceedings would forward full text of the papers in triplicate, not later than three months after the Symposium.

Topics: Algebra, Discrete Mathematics & Theoretical Computer Science, Analysis & Topology and their Applications, Geometry and its Applications, Dynamical Systems, Chaos and Fractals, Continuum Mechanics, Plasma Physics, Control Theory and Optimization Theory, Bio-mechanics, Applications of Mathematics to Environmental Problems, History and Philosophy of Physical Science, Quantum Information Theory, Relativity and its Applications,

Deadline: October 31, 2005 for receipt of Abstracts of papers.

Information: Prof. M. R. Adhikari, Secretary, Calcutta Mathematical Society, AE-374, Sector-1, Salt Lake City, India; email: cms@cal2.vsnl.net.in; cms_mra@yahoo.co.in.

April 2006

* 20-22 **Logic, Models and Computer Science: LMCS06**, Dipartimento di Matematica e Informatica, Università di Camerino, Camerino, Italy.

Aim: The Logic, Models and Computer Science workshop LMCS06 aims at bringing together researchers interested in the interactions between Mathematical Logic and several fields in Computer Science. LMCS06 wishes also to honour the memory of Sauro Tulipani, who so largely and brilliantly contributed to this research area. Then the workshop will focus in particular on Sauro's main research interests, computability and computational complexity, uncertainty

logic, but it will also deal with further topics concerned with its main theme. The proceedings will be published after the workshop in the ENTCS (Electronic Notes in Theoretical Computer Science). Authors of selected papers will be invited after the workshop to submit for publication of a full version in a Special Issue of the "Mathematical Structures in Computer Science"; those submissions will then be subject to a separate reviewing procedure matching the standards of the journal.

Important Dates: Deadline for Paper Submission: February 4, 2006. Notification to Authors: March 15, 2006. Final Version of Accepted Papers due: April 1, 2006.

Invited Speakers (Provisional List): Luca Aceto (Aalborg, Denmark/Reykjavik, Iceland), Riccardo Camerlò (Polytechnic Turin, Italy), Andrea Capotorti/Marco Bairoletti (Perugia, Italy), Rocco De Nicola (Florence, Italy), Mariangiola Dezani (Turin, Italy), Wilfrid Hodges (QMUL London, UK), Giuseppe Longo (ENS Paris, France), Angus Macintyre (QMUL London, UK), Johann Makowski (Technion-Israel Institute of Technology, Haifa, Israel), Daniele Mundici (Florence, Italy), Giovanni Sambin (Padua, Italy).

Information: <http://www.unicam.it/matinf/lmcs06>; e-mail: flavio.corradini@unicam.it; carlo.toffalori@unicam.it.

May 2006

* 6-11 **International Conference on Fourier and Complex Analysis: Classical problems current view**, Protaras, Cyprus.

Theme: The main theme of the conference is the actuality of classical problems in Fourier and Complex Analysis today and the stimulus they provide for the interaction between researchers working in different branches of Analysis.

Speakers: M. Andersson (Goteborg), C. Berenstein (College Park), C. Berg (Copenhagen), K. Kazarian (Madrid), S. Konyagin (Moscow), A. Olevskii (Tel-Aviv), A. Sebbar (Bordeaux), N. Tarkhanov (Potsdam), V. Totik (Szeged), A. Tsikh (Krasnoyarsk). Further invited speakers are expected.

Organizing committee: G. Alexopoulos, S. Koumandos, G. Kyriazis, E. Samiou, A. Vidras.

Information: <http://www.mas.ucy.ac.cy>.

* 15-17 **SIAM Conference on Imaging Science**, Radisson Hotel Metrodome, Minneapolis, Minnesota.

Description: Current developments in the technology of imaging have led to an explosive growth in the interdisciplinary field of imaging science. With the advent of new devices capable of seeing objects and structures not previously imagined, the reach of science and medicine has been extended in a multitude of different ways. The impact of this technology has been to generate new challenges associated with the problems of formation, acquisition, compression, transmission, and analysis of images. By their very nature, these challenges cut across the disciplines of physics, engineering, mathematics, biology, medicine, and statistics. While the primary purpose of this conference is to focus on mathematical issues, the biomedical aspects of imaging will also play an important role.

Information: <http://www.siam.org/meetings/is06/>.

* 16-20 **5th Conference on Function Spaces at SIUE**, Southern Illinois University, Edwardsville, Illinois.

Topics: Function algebras, Banach algebras, spaces and algebras of analytic functions, L_p spaces, geometry of Banach spaces, isometries of function spaces, and related problems.

Information: <http://www.siu.edu/MATH/conference2006/>. Contact: K. Jarosz at email: kjarosz@siue.edu.

* 22-26 **Low Eigenvalues of Laplace and Schrodinger Operators**, AIM Research Conference Center, Palo Alto, California.

Workshop topics: This workshop, sponsored by AIM and the NSF, will bring together people interested in eigenvalue problems for Laplace and Schrodinger operators, for focused discussions and intensive investigation of (1) sharp constants in the classical

Lieb-Thirring inequalities, and (2) optimal lower bounds for the gap between the two lowest eigenvalues of Laplace and Schrodinger operators.

Organizers: Mark Ashbaugh, Rafael Benguria, and Richard Lauge-sen.

Application deadline: February 15, 2006.

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

* 25–27 **Complex and Harmonic Analysis, an international conference**, Thessaloniki, Greece.

Topics: Classical complex analysis, Geometric function theory, Approximation theory in the complex plane, Potential theory, Spaces of analytic functions and related operators, Harmonic analysis, BMO functions.

Organizers: Division of Mathematical Analysis, Department of Mathematics, Aristotle University of Thessaloniki Greece.

Plenary speakers: A. Carbery, P. L. Duren, W. K. Hayman, N. Lohoue, Ch. Pommerenke, St. Ruscheweyh.

Information: <http://www.auth.gr/comhar/index1.htm>.

* 30–June 6 **NAFSA 8–8th International Spring School on Nonlinear ANalysis, Function Spaces and Applications**, Czech University of Agriculture, Prague, Czech Republic.

Invited lectures: Anthony Carbery (University of Edinburgh): Geometrical Inequalities of Brascamp-Lieb and Maximal Functions (tentative title), Viktor Kolyada (University of Karlstad): On Embedding Theorems, Michael Rùieka (University of Freiburg): Electrorheological Fluids and Function Spaces, Yoram Sagher (Florida Atlantic University, Boca Raton, FL): Talk # 1: A New Look at Norm Inequalities for the Fourier Transform, Talk # 2: Byways of the Hilbert Transform, Gord Sinnamon (University of Western Ontario, London, ON): Monotonicity in Banach Function Spaces, Hans-Jùrgen Schmeisser (Friedrich-Schiller University, Jena): Recent Developments in the Theory of Function Spaces with Dominating Mixed Smoothness.

Organizer: Mathematical Institute of the Czech Academy of Sciences in Prague and Czech University of Agriculture in Prague.

Programme Committee: Bohumir Opic, Lubos Pick.

Deadline: For a reduced conference fee: January 31, 2006.

Contact: Lubos Pick, KMA MFF UK, Sokolovska 83, 186 75 Praha 8, Czech Republic; email: nafsa8@math.cas.cz; phone: +420 221 913 264; fax: +420 222 323 390.

Information: <http://www.karlin.mff.cuni.cz/nafsa/2006/welcome.htm>.

June 2006

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

Goal: This eighth edition of the conference aims like the previous ones to bring together experts in the Classical and Modern Differential Geometry, Complex Analysis, Mathematical Physics and related fields in order to assess recent developments in these areas and to stimulate research in intermediate topics.

Organizers: Ivailo M. Mladenov (Sofia) and Manuel de Leon (Madrid).

Contacts: Ivailo M. Mladenov, email: mladenov@obzor.bio21.bas.bg; Manuel de Leon, email: mdeleon@imaff.cfmac.csic.es.

Information: <http://www.bio21.bas.bg/conference/>.