

# Forthcoming conferences

compiled by Vasile Berinde (Baia Mare, Romania)

Please e-mail announcements of European conferences, workshops and mathematical meetings of interest to EMS members, to one of the following addresses [vberinde@ubm.ro](mailto:vberinde@ubm.ro) or [vasile\\_berinde@yahoo.com](mailto:vasile_berinde@yahoo.com). Announcements should be written in a style similar to those here, and sent as Microsoft Word files or as text files (but not as TeX input files). Space permitting, each announcement will appear in detail in the next issue of the Newsletter to go to press, and thereafter will be briefly noted in each new issue until the meeting takes place, with a reference to the issue in which the detailed announcement appeared.

## January 2005

**6-9: 24th Nordic and 1st Franco-Nordic Congress of Mathematicians, Reykjavik, Iceland**

**Information:** e-mail:

[FrancoNordicCongress@raunvis.hi.is](mailto:FrancoNordicCongress@raunvis.hi.is)

Web site: <http://www.raunvis.hi.is/1FrancoNordicCongress/>

[For details, see EMS Newsletter 53]

**28-30: 4th Mediterranean Conference on Mathematics Education, Palermo-Italy**

**Information:** e-mail:

[spagnolo@math.unipa.it](mailto:spagnolo@math.unipa.it)

Web sites: <http://math.unipa.it/~grim/> mediterranean\_05.htm;

[www.cms.org.cy](http://www.cms.org.cy)

[For details, see EMS Newsletter 53]

## February 2005

**5-13: Applications of braid groups and braid monodromy, EMS Summer School, Eilat, Israel**

**Information:**

Web site: [www.emis.de/etc/ems-summer-schools.html](http://www.emis.de/etc/ems-summer-schools.html)

**14-19: Topology, analysis and applications to mathematical physics, Moscow, Russia**

Dedicated to the memory of Prof. Yu.P. Solov'yov (8.10.1944-11.9.2003)

**Topics:** Geometry and topology, analysis, applications to mathematical physics including the following topics of particular interest of Yu.P. Solov'yov: algebraic and differential topology, noncommutative geometry, elliptic theory, operator algebras, path integration

**Format:** Plenary lectures (1.5 hour) and session lectures (45 min)

**Organizing and Programme Committee:** V.A. Sadovnichij (chairman), A. Bak, P. Baum, V.V. Belokurov (vice-chairman), V.M. Buchstaber, D. Burghelena, S.M. Gussein-Zade, A.A. Egorov, J. Eichhorn, A.T. Fomenko (vice-chairman), M. Karoubi, G.G. Kasparov, R. Krasauskas, A. Lipkovski, A.S. Mishchenko (vice-chairman), Th.Yu. Popelensky, V.V. Sharko, V.M. Tikhomirov, E.V.

Troitsky, V. Zoller

**Information:**

e-mail: [soloconf@mech.math.msu.su](mailto:soloconf@mech.math.msu.su),

[soloconf@yandex.ru](mailto:soloconf@yandex.ru)

Web site: [dgfm.math.msu/conf/](http://dgfm.math.msu/conf/)

**17-21: CERME 4 (Fourth Congress of the European Society for Research in Mathematics Education), Sant Feliu de Guíxols, Spain**

**Aim:** CERME is a congress designed to foster a communicative spirit. It deliberately and distinctively moves away from research presentations by individuals towards collaborative group work. Its main feature is a number of thematic groups whose members will work together in a common research area. Researchers wishing to present a paper at the congress should submit the paper to one of these groups. In addition to the thematic working groups, there will be plenary sessions, including plenary speakers and debates, poster sessions, and ERME policy sessions.

**Programme Committee:** A. Arcavi (IL); C. Bergsten (S); R. Borromeo Ferri (G); M. Bosch (E); J.-L. Dorier (F); N. Gorgorió (E); B. Jaworski (UK-N); J. Pedro Ponte (P); H. Steinbring (G); N. Stehlikova (CH); E. Swoboda (PL); R. Zan (G)

**Speakers:** Y. Chevallard (F); M. Brown (UK); J.D. Godino (E); M. Artigue (F); P. Ernest (UK); F. Furinghetti (I); J. Matos (P); C. Tzanakis (GR)

**Working Groups:** The congress is organised around some thematic groups working in parallel. Over 4 days, groups will have at least 12 hours to meet and progress their work. Participants are encouraged to attend and contribute to the work of just one group.

**Information:**

Web site: <http://cerme4.crm.es>

## March 2005

**9-April 1: 14th INTERNATIONAL WORKSHOP ON MATRICES AND STATISTICS (IWMS-2005), Massey University, Albany Campus, Auckland, New Zealand**

**Information:**

Web site: <http://iwms2005.massey.ac.nz/>

[For details, see EMS Newsletter 53]

## April 2005

**4-8: International conference on Selected Problems of Modern Mathematics, dedicated to the 200th anniversary of K.G. Jacobi, and the 750th anniversary of the Koenigsberg foundation**

**Aim:** Kaliningrad State University hosts an international conference, organised under the aegis of the Russian Academy of Sciences (RAS). Leading mathematicians from Russia and other countries are expected to participate.

**Topics:** Algebra and Geometry; Mathematical Physics; Applied Mathematics, Mathematical Modelling and IT; Theoretical Mechanics; History

of Mathematics

**International Programme Committee:** L.D. Faddeev, chair; A.B. Zhizchenko, deputy chair; S.K. Godunov; V.V. Kozlov; A.P. Klemeshev; S.P. Novikov; V.A. Sadovnichij; V.M. Buchstaber (Russia); O. Pironneau (France); F. Hirzebruch; W. Jäger; C. Zenger (Germany); M. Atiyah (UK); L. Karleson (Sweden)

**Organising Committee:** A.P. Klemeshev, chair; S.A. Ishanov, deputy chair; B.N. Chetverushkin, deputy chair; G.M. Fedorov; L.V. Zinin; A.I. Maslov; S.I. Aleshnikov; K.S. Latyshev

**Format:** Plenary lectures and working groups. Apart from plenary sessions and working groups, the scholars are welcome to make presentations and give lectures for students and post-graduates at KSU departments.

Kaliningrad State University covers the lecturers' royalties, accommodation costs and per diem.

**Abstracts:** are to be published before the conference.

**Conference fee:** 200 € for students and post-graduates; 100 €

**Deadline:** January 10, 2005

**Information:**

e-mail: [cyber@mathd.albertina.ru](mailto:cyber@mathd.albertina.ru)

## May 2005

**9-20: The Third Annual Spring Institute on Noncommutative Geometry and Operator algebras & 20th Shanks Lecture, Vanderbilt University, Nashville, Tennessee, USA**

**Main speakers:** A. Connes (College de France, IHES & Vanderbilt University), V. Jones (UC Berkeley), U. Haagerup (Univ. of Southern Denmark), S. Popa (UCLA) and D. Voiculescu (UC Berkeley).

**Organisers:** A. Connes (director), D. Bisch, B. Hughes, G. Kasparov and G. Yu.

**Information:**

e-mail: [ncgoa05@math.vanderbilt.edu](mailto:ncgoa05@math.vanderbilt.edu)

Web site: <http://www.math.vanderbilt.edu/~ncgoa05>

**16-18: Conference "Algorithmic Information Theory", University of Vaasa, Finland**

**Theme:** Algorithmic Information Theory is an international meeting bringing together mathematicians, computer theorists, logicians, mathematical physicists and scientists in related fields to assess recent development in the Foundations of Mathematics and the limits to Computability and Computation and to stimulate further research in these and related fields.

**Topics:** Algorithmic Information Theory; Formal Systems; Symbolic Computation; Cellular and Quantum Automata; Operator and Spectral Theory

**Main speakers:** B. Buchberger (RISC Institute in Linz); G. Chaitin (IBM Thomas Watson Research Center, New York); G. Dasgupta (Columbia Univ., New York); J. Kari (Univ. of Turku); H. Langer (Technische Univ. Wien); H. de Snoo (Univ. of Groningen); K. Sutner (Carnegie-Mellon University)

**Organising committee:** M. Laaksonen (Univ. of Vaasa); M. Linna (Univ. of Vaasa); S. Mäkinen (Vaasa Polytechnic); Jari Töyli (Univ. of Vaasa); M. Wanne (Univ. of Vaasa), chairman

**Program Committee:** S. Hassi (Univ. of Vaasa); V. Keränen (Rovaniemi Polytechnic); C.-G. Källman (Vaasa Polytechnic); chairman, M. Linna (Univ. of Vaasa); H. Niemi (Vaasa Polytechnic); T. Vanhanen (Stadia)

**Deadline:** for extended abstracts January 31, 2005

**Information:** e-mail: ait05@uwasa.fi  
Web site: <http://www.uwasa.fi/ait05>

**31-June 3: 4th Kortrijk Conference on Discrete Groups and Geometric Structures, with Applications, Oostende, Belgium**

**Topics:** Recent developments concerning all interactions between group theory and geometry including geometric group theory, group actions on manifolds, crystallographic groups and all possible generalizations (affine, polynomial, projective crystallographic groups, almost-crystallographic groups), discrete subgroups of Lie groups, graphs of groups

**Scientific Committee:** Y. Félix (Univ. Catholique de Louvain), W. Goldman (Maryland, College Park), F. Grunewald (Univ. Düsseldorf), P. Igodt (K.U.Leuven/Kortrijk), K.B. Lee (Oklahoma)

**Main Speakers:** O. Baues (Univ. Karlsruhe), Y. Benoist (ENS, Paris), M. Bridson (Imperial College, London), B. Farb (Univ. of Chicago), O. Garcia-Prada (Univ. Autonoma de Madrid), E. Ghys (Ecole normale Supérieure, Lyon), D. Toledo (University of Utah)

**Proceedings:** will be published as a part of a special issue in *Geometriae Dedicata*

**Location:** Hotel Royal Astrid, Oostende

**Conference fee:** 145€

**Deadline:** with abstract: April 12, 2005; without: May 1, 2005

**Information:**

e-mail: [workshop@kulak.ac.be](mailto:workshop@kulak.ac.be)

Web site: <http://www.kulak.ac.be/workshop>

**June 2005**

**12–24: Foliations 2005, Łódź, Poland**

**Information:**

e-mail: [fol2005@math.uni.lodz.pl](mailto:fol2005@math.uni.lodz.pl)

Web site: <http://fol2005.math.uni.lodz.pl>

[For details, see *EMS Newsletter 53*]

**13–17: Computational Methods and Function Theory CMFT 2005, Joensuu, Finland**

**Aim:** The general theme of the meeting concerns various aspects of interaction of complex variables and scientific computation, including related topics from function theory, approximation theory and numerical analysis. Another important aspect is to promote the creation and maintenance of contacts with scientists from diverse cultures.

**Format:** Invited one-hour plenary lectures, invited and contributed session talks, and poster sessions.

**Plenary speakers:** L.A. Beardon (Oxford), P. Clarkson (Canterbury), H. Farkas (Jerusalem), A. Fokas (Cambridge), H. Hedenmalm (Stockholm), D. Khavinson (Fayetteville), A. Martinez-Finkelshtein (Almeria), M. Seppälä (Helsinki), N. Trefethen (Oxford) and R. Varga (Kent)

**Scientific committee:** St. Ruscheweyh (Würzburg), E. B. Saff (Nashville), O. Martio (Helsinki) and I. Laine (Joensuu)

**Grants:** Limited amount of support available for participants coming from developing countries.

**Information:** e-mail: [cmft@joensuu.fi](mailto:cmft@joensuu.fi)

Web site: <http://www.joensuu.fi/cmft>

**20-22: Workshop on Mathematical Problems and Techniques in Cryptology, Centre de Recerca Matemàtica, Campus of the Universitat Autònoma de Barcelona**

**Speakers:** A. Lenstra (Eindhoven Univ. of Technology); R. Cramer (Leiden Univ.); T. Okamoto (NTT Laboratories); H. Krawczyk

(Technion Univ.); S. Galbraith (Royal Holloway Univ. of London)

**Program Co-chairs:** R. Cramer; T. Okamoto

**Coordinators:** J.L. Villar and C. Padró (Univ. Politècnica de Catalunya)

**Information:**

e-mail: [work-cryptology@crm.es](mailto:work-cryptology@crm.es)

Web site: [http://www.crm.es/jornadas\\_criptologia](http://www.crm.es/jornadas_criptologia)

**25-July 2 : Subdivision schemes in geometric modelling, theory and applications, EMS Summer School, Pontignano, Italy**

**Information:**

Web site: [www.emis.de/etc/ems-summer-schools.html](http://www.emis.de/etc/ems-summer-schools.html)

[For details, see *EMS Newsletter 53*]

**28-July 2: Barcelona Conference on Geometric Group Theory, Centre de Recerca Matemàtica, Campus of the Universitat Autònoma de Barcelona**

**Speakers:** M. Bestvina (Univ. of Utah); T. Delzant (Univ. de Strasbourg); G. Levitt (Univ. of Caen); K. Vogtmann (Cornell Univ.)

**Programme Committee:** N. Brady; J. Burillo; E. Ventura; J. Burillo, coordinator

**Information:**

e-mail: [GeometricGroupTheory@crm.es](mailto:GeometricGroupTheory@crm.es)

Web site: <http://www.crm.es/GeometricGroupTheory>

**July 2005**

**5-15: Advanced Course on the Geometry of the Word Problem for finitely generated groups, Centre de Recerca Matemàtica, Campus of the Universitat Autònoma de Barcelona**

**Speakers:** H. Short (Univ. d'Aix-Marseille I); N. Brady (Oklahoma Univ.); T. Riley (Yale Univ.)

**Coordinator:** Josep Burillo

**Registration Fee:** 160 EUR

**Deadline:** May 15, 2005

**Grants:** The CRM offers a limited number of grants for registration and accommodation addressed to young researchers. The deadline for application is April 5, 2005.

**Information:**

e-mail: [WordProblem@crm.es](mailto:WordProblem@crm.es)

Web site: <http://www.crm.es/WordProblem>

**17-August 14: Summer School of Atlantic Association for Research in the Mathematical Sciences, Campus of Dalhousie University in Halifax, Nova Scotia, Canada**

**Aim:** The Summer School is intended for graduate students and promising undergraduate students in Mathematics from all parts of the world. Each participant is expected to register for two courses. The courses will be: 1. Convexity and Fixed Point Algorithms in Hilbert Space (H. Bauschke, Univ. of Guelph); 2. Integral Geometry of Convex Bodies and Polyhedra (D. Klain, Univ. of Massachusetts at Lowell); 3. The Mathematics of Finance (W. Runggaldier, Univ. di Padova); 4. Mathematical Statistics (B. Smith, Dalhousie Univ.)

**Format:** Each course consists of four sixty-minute lectures and two ninety-minute problem sessions each week, for four weeks;

**Organizer:** The Atlantic Association for Research in the Mathematical Sciences" (Canada)

**Location:** Campus of Dalhousie University in Halifax, Nova Scotia, Canada. Accommodation is available on Campus

**Grants:** Some financial support in Halifax is possible.

**School Director:** T. Thompson, Dalhousie Univ.

**Information:**

e-mail: [tony@mathstat.dal.ca](mailto:tony@mathstat.dal.ca);

[renzo@matapp.unimib.it](mailto:renzo@matapp.unimib.it);

[renzo@mathstat.dal.ca](mailto:renzo@mathstat.dal.ca)

**17-23: European young statisticians training camp, EMS summer school, Oslo Norway** associated with the European Meeting of Statistics (see below).

**Information:**

Web site: [www.emis.de/etc/ems-summer-schools.html#2005](http://www.emis.de/etc/ems-summer-schools.html#2005)

**24-28: 25th European Meeting of Statistics, Oslo, Norway**

**Organizer:** University of Oslo and the Norwegian Computing Center

**Format:** 8 invited lectures, 24 invited sessions and contributed sessions

**Invited lecturers:** D. Donoho (Stanford), Y. Peres (Berkeley), O. Aalen (Oslo), J. Bertoin (Paris), W. Kendall (Warwick), N. Shephard (Oxford), L. Davies (Essen), K. Worsley (Mc Gill)

**Programme Committee:** A. van der Vaart (chair, Amsterdam), Ø. Borgan (Oslo), U. Gather (Dortmund), S. Richardson (London), G. Roberts (Lancaster), T. Rolski (Wrocław), J. Steif (Göteborg)

**Deadlines:** for grant application: March 1, 2005; for submission of contributed papers and posters: March 31, 2005; for early registration: May 1, 2005; for registration: June 30, 2005.

**Conference fee:** 310€ 280€(Bernoulli Society of ISI members), 200€(students)

**Information:** e-mail: [ems2005@nr.no](mailto:ems2005@nr.no)

Web site: [www.ems2005.no](http://www.ems2005.no);

**30-August 6: Groups St. Andrews 2005, University of St. Andrews, St. Andrews, Scotland**

**Aim:** This conference, the seventh in the series of Groups St Andrews Conferences, will be organised along similar lines to previous events in this series.

**Speakers:** P.J. Cameron (Queen Mary, London); R.I. Grigorchuk (Texas A&M); J.C. Meakin (Nebraska-Lincoln); A. Seress (Ohio State)

**Programme:** The speakers above have kindly agreed to give short courses of lectures. In addition there will be a programme of one hour invited lectures and short research presentations.

**Topics:** The conference aims to cover all aspects of group theory. The short lecture courses are intended to be accessible to postgraduate students, post-doctoral fellows, and researchers in all areas of group theory.

**Location:** Mathematical Institute, St. Andrews.

**Scientific Organising Committee:** C. Campbell (St. Andrews); N. Gilbert (Heriot-Watt); S. Linton (St. Andrews); J. O'Connor (St. Andrews); E. Robertson (St. Andrews); N. Ruskuc (St. Andrews); G. Smith (Bath)

**Information:**

e-mail: [gps2005@mcs.st-and.ac.uk](mailto:gps2005@mcs.st-and.ac.uk)

Web site: <http://groupsstandrews.org>

**August 2005**

**21-26: SEMT '05 (International Symposium on Elementary Mathematics Teaching), Czech Republic, Charles University in Prague, Faculty of Education**

**Theme:** Understanding the environment of the mathematics classroom.

**Format:** Plenary lectures, presentation of papers, workshops and discussion groups.

**Information:**

e-mail: jarmila.novotna@pedf.cuni.cz  
Web site: <http://www.pedf.cuni.cz/kmdm/index.htm>

**September 2005****13-23: Advanced Course: Recent Trends on Combinatorics in the Mathematical Context; Centre de Recerca Matemàtica, Campus of the Universitat Autònoma de Barcelona**

**Speakers:** B. Bollobas (Trinity College Cambridge and Univ. of Memphis); J. Nešetřil (Charles Univ. and ITI, Prague)

**Coordinator:** O. Serra

**Registration Fee:** 160 EUR

**Deadline:** July 10, 2005

**Grants:** The CRM can offer a limited number of grants to young researchers covering the registration fee and/or accommodation. The deadline for application is June 1, 2005.

**Information:**

e-mail : RecentTrends@crm.es

Web site: <http://www.crm.es/RecentTrends>

**October 2005****11-18: EMS Summer School and Séminaire Européen de Statistique, Statistics in Genetics and Molecular Biology, Warwick, UK**

**Grants:** 40 Marie Curie Actions grants available

**Local Organization:** B. Finkenstadt (Warwick)

**Information:**

e-mail: b.f.finkenstade@warwick.ac.uk

Web site: <http://www2.warwick.ac.uk/fac/sci/statistics/news/semstat/>

**17-21: Nonlinear Parabolic Problems, Helsinki**

**Aim:** An international program on nonlinear parabolic partial differential equations will be organized in Helsinki, Finland, during Sept-Nov 2005.

The program will run at the University of Helsinki and at the Helsinki University of Technology (HUT) and is sponsored by the governmental agency The Academy of Finland. Within the framework of this programme, a conference on nonlinear parabolic problems will be also held in Helsinki.

**Organizers:** H. Amann (amann@math.unizh.ch); J. Taskinen (jari.taskinen@helsinki.fi); S.-O. Londen (stig-olof.londen@hut.fi)

**Main topics:** Qualitative theory of parabolic equations; Reaction-diffusion systems; Fully nonlinear problems; Free boundary problems; Navier-Stokes equations; Maximal regularity; Degenerate parabolic problems

**Speakers:** M. Chipot (Zurich); Ph. Clement (Delft); J. Escher (Hannover); M. Fila (Bratislava); M. Hieber (Darmstadt); G. Karch (Wroclaw); H. Kozono (Sendai); Ph. Laurecot (Toulouse); J. Lopez-Gomez (Madrid); S. Nazarov (St.Petersburg); W.-M. Ni (Minnesota); M. Pierre (Rennes); J. Pruess (Halle); P. Quittner (Bratislava); J. Rehberg (Berlin); G. Simonett (Nashville); H. Sohr (Paderborn); V. Solonnikov (St. Petersburg); Ph. Souplet (Versailles); J.L.Vazquez (Madrid); D. Wrzosek (Warszawa); L. Weis (Karlsruhe); E. Yanagida (Sendai)

**Location:** The conference will take place at HUT, located northwest of downtown Helsinki.

**Information:**

Web site: <http://www.math.helsinki.fi/research/FMSvisitor0506>