Geometry, Mechanics and Control Network Infosheet

December 2011
Editors: María Barbero and Silvia Vilariño

Contents

GMC Network Infosheet

December 2011

NETWORK'S ACTIVITIES

VI International Young Researchers Workshop on Geometry, Mechanics and Control.
Coimbra, Portugal.
January 10-13, 2012.
Speakers:
Tomoki Ohsawa (UCSD, USA): Hamilton-Jacobi theory.
Mario Sigalotti (INRIA, France): Quantum control.
Ivan Struchiner (Utrecht University, The Netherlands): Lie algebroids and groupoids.

On Monday January 9, there will be a special "**Geometry & Physics day**".
Deadlines:
- Communication/poster abstract submission: November 10, 2011.
- Registration: December 10, 2011.

Details about registration are provided on the website:
http://gmcnetwork.org/?q=activity-detaiII/610

Exploratory workshop on geometric control theory and applications to engineering.
ICMAT, Madrid, Spain.
Part I: January 16-18, 2012.
Speakers: M. Barbero, D. Martín de Diego, M. C. Muñoz Lecanda, M. Sigalotti, J. Vankerschaver…
Part II: February 2012 (to be determined).
If you would like to receipt more information please contact David Martín de Diego (david.martin@icmat.es) or María Barbero (mbarbero@icmat.es).

XIV Winter Meeting on Geometry, Mechanics and Control.
Zaragoza, Spain.
February 6-8, 2012.

VI International Summer School on Geometry, Mechanics and Control.
Spain.
June 24-30, 2012.

JOB OFFERS, FELLOWSHIPS AND AWARDS

Undergraduate research offers

JAE-INTRO 2011
Institute of Mathematical Sciences, Madrid, Spain.
Closing date: January 9, 2012.
https://sede.csic.gob.es/servicios/formacion-y-empleo/formacion-de-personal-investigador/2012/jae-intro-2011

Ph D offers

Doctoral Scholarships in several fields of the Science.
Leo Apostel Centre for Interdisciplinary Studies.
Vrije Universiteit Brussel, Belgium.
Closing date: January 7, 2012.
http://www.math-jobs.com/j.php?i=197

PhD Applications to Penn State University.
Department of Mathematics.
Penn State University, USA.
Closing date: January 15, 2012.

University Research Scholarships.
Faculty of Mathematics and Physical Sciences.
University of Leeds, UK.
The University of Leeds is offering a number of University Research Scholarships for students from the UK and EU. The Scholarships are available to new students wishing to commence doctoral study in any Faculty at the University of Leeds. Each studentship provides academic fees at the UK/EU.
rate and an annual maintenance grant (£13,590 in Session 2011/12).
Closing date: January 20, 2012.
Further information on the eligibility criteria and application procedure can be found at:
http://www.leeds.ac.uk/rsa/postgraduate_scholarships/urs-info

PhD positions at Maths UC3M.
Department of Mathematics.
Universidad Carlos III de Madrid, Spain.
Pre-application deadline: January 31, 2012.
http://matematicas.uc3m.es/images/dpto-docs/phdpostdocpositionsuc3m.pdf

Several PhD Fellowships (Stochastic, Mathematical Physics, Mathematical Economics)
International Graduate College "Stochastic and Real World Models"
Bielefeld University, Germany.
Closing date: January 31, 2012.
http://www.math-jobs.com/j.php?i=150

PhD Studentship in Mathematics.
Department of Mathematics.
Faculty of Science.
University of Bristol, UK.
Closing date: February 1, 2012.
http://www.jobs.ac.uk/job/ADM870/

PhD Studentship in Theoretical/Mathematical Physics.
Faculty of Engineering and Physical Sciences.
University of Surrey, England, UK.
Closing date: March 31, 2012.
http://www.findaphd.com/search/ProjectDetails.aspx?PJID=35162&LID=1482

Positions for two Marie_Curie PhD students. Integrating Numerical Simulation and Geometric Design Technology.
Institute of Applied Geometry.
Johannes Kepler University, Linz, Austria.
http://www.ag.jku.at/

6 PhD Positions - Mathematics Inspired by String Theory and QFT.
Department of Mathematics and Physcis.
University of Hamburg, Germany.

Postdoctoral fellowships

2-Warwick Zeeman Lectureships in Applied or Pure Mathematics.

Closing date: Open until filled.
http://www.math-jobs.com/j.php?i=903

PhD Research Project: Thermomechanical Constraints in the Plate Theory of Classical and Generalized Thermoelasticity.
School of Mathematics.
University of East Anglia, Norwich, Norfolk, UK.
Closing date: Applications accepted all year round.
http://www.findaphd.com/search/ProjectDetails.aspx?PJID=35176&LID=437

PhD Studentship: Advanced Nonlinear Systems Identification and Control with Applications to Electromechanical Systems, Power Systems and Biochemical Processes.
Department of Engineering & The Environment.
University of Southampton, England, UK
Closing date: Applications accepted all year round
http://www.findaphd.com/search/ProjectDetails.aspx?PJID=34410&LID=1427

PhD Student and Research Fellowships.
The International Mathematical Union, the Einstein Foundation Berlin and the Berlin Mathematical School invite applications form PhD students and researchers from developing countries for research visits in the active Berlin mathematics research environment! Research visits can last between three to nine months. The program has been established on the occasion of the establishment of the IMU secretariat in Berlin by the Einstein Foundation Berlin (ESB).
Applications must be received at least six months before the desired starting date.
More information:
http://www.math-berlin.de/efp/fellowships.html

PhD Research Project – Inverse Problems (PIM).
Department of Applied Mathematics.
University of Leeds, UK.
Closing date: applications accepted all year round.
http://www.findaphd.com/search/ProjectDetails.aspx?PJID=19061&LID=754

PhD Research Project – Classical and Quantum Integrabililty.
Department of Applied Mathematics.
University of Leeds, UK.
Closing date: applications accepted all year round.
http://www.findaphd.com/search/ProjectDetails.aspx?PJID=19048&LID=754

PhD Research Project – Quantum Discrete Systems and Integrability.
Department of Applied Mathematics.
University of Leeds, UK.
Closing date: applications accepted all year round.
http://www.findaphd.com/search/ProjectDetails.aspx?PJID=19072&LID=754

Department of Mathematics.
University of Warwick, UK.

Closing date: January 3, 2012 (Midnight British time).
http://www.jobs.ac.uk/job/ADK719/

Research Assistants/Associates-Quantum Computation and Information Group.
School of Physics and School of Maths.
University of Bristol, UK.
Closing date: January 4, 2012 (9:00 am).
Anticipates interview date: February 1, 2012.
http://www.jobs.ac.uk/job/ADM829/

Postdoctoral Research Associates (two posts).
Mathematical Institute.
University of Oxford, UK.
Closing date: January 6, 2012 (12:00 noon UK).
http://www.jobs.ac.uk/job/ADP184/

Postdoctoral Fellowship in several fields of the Science.
Leo Apostel Centre for Interdisciplinary Studies.
Vrije Universiteit Brussel, Belgium.
Closing date: January 7, 2012.
http://www.math-jobs.com/j.php?i=197

Postdoctoral Research Assistant in Community Structure in Multislice Networks.
OCIAM, Dartington House.
University of Oxford, UK.
Closing date: January 9, 2012 (12:00 noon UK time).
http://www.jobs.ac.uk/job/ADM775/

JAE-DOC Postdoctoral Fellowship.
Institute of Mathematical Sciences, Madrid, Spain.
Closing date: January 15, 2012.
https://sede.csic.gob.es/servicios/formacion-y-empleo/convocatorias-personal/-/convocatoria/34736

Postdoctoral Research Assistant in Mathematics.
School of Mathematics.
University of Bristol, UK.
Closing date: January 16, 2012 (9:00 am).
http://www.jobs.ac.uk/job/ADO728/

Postdoctoral Research assistantship in Geometry and Representation Theory.
The Mathematical Institute.
University of Oxford, UK.
Closing date: January 18, 2012 (12:00 noon UK)
http://www.maths.ox.ac.uk/node/17224
http://www.jobs.ac.uk/job/ADR054/postdoctoral-research-assistant/

Research Assistant in Dynamical Systems (Homogeneours Flows and their Application in Kinetic Theory)
School of Mathematics.
University of Bristol, Bristol, UK.
Closing date: January 18, 2012 (9:00 am).
Anticipated interview date: January 23, 2012.
http://www.jobs.ac.uk/job/ADM381/

Research associate in Differential Geometry.
School of mathematical Science.

The University of Adelaide, Australia.
Closing date: January 20, 2012.
http://www.math-jobs.com/j.php?i=823

2 PostDoc Positions in the research group "Geometric Analysis in the Applied Sciences".
Max-Planck- Institute for Mathematics in the Sciences, Leipzig, Germany.
Closing date: January 31, 2012.
http://www.math-jobs.com/j.php?i=294

Post-Doc in Mathematics.
MatheUnit.
Mathematics Research Unit.
Faculty of Science, Technology and Communication.
Closing date: January 31, 2012.
http://wwwen.uni.lu/university/jobs/fstc/post_doctorants_assistants_chercheurs

PostDoc positions at Maths UC3M.
Department of Mathematics.
Universidad Carlos III de Madrid, Spain.
Pre-application deadline: January 31, 2012.
http://matematicas.uc3m.es/images/dpto-docs/phdpostdocpositionsuc3m.pdf

Weierstrass Postdoctoral Fellowships Program.
The Weierstrass Institute for Applied Analysis and Stochastics (WIAS) offers postgraduate fellowships for 2011/2012. Their duration is 6 or 12 moths. These fellowships are designed to enable highly-qualified young scientists to participate in the research into the mathematical problems in fields such as "Optimization and control of technological processes", thus furthering their education and training.
Closing date: February 29, 2012.
More information:
http://www.wias-berlin.de/jobs/fellowship.jsp?lang=1

Pegasus Fellowships in Flanders.
The Research Foundation - Flanders has launched a new research program under the name `Pegasus Marie Curie Fellowships' (see here). Its goal is to provide non-Belgian postdoctoral researchers the opportunity to spend either 1 or 3 postdoc years at a Flemish University (salary + research budget included). In the first round of applications (deadline of February 1, 2012) there are 30 long and 10 short positions available. One possible host is the Research Group on Differential Geometry and Mechanics within the Department of Mathematics at Ghent University. Interested candidates are kindly requested to contact either Frans Cantrijn (frans.cantrijn@ugent.be) or Tom Mestdag (tom.mestdag@ugent.be) with a short research proposal.

Grants for short postdoctoral research visits at IMUS. Call for 2012 applications.
Instituto de Matemáticas, University of Sevilla, Spain.
The goal of these grants is the establishment or development of research collaborations between young doctors from outside the University of Seville and University researchers in the field of Mathematics or its applications to other disciplines. In this edition, the stays will have a minimum consecutive duration of

1 month and maximum of 2 months. The stays will take place between January 1st, 2012 and July 31st, 2013.
Closing date: July 31, 2012.
http://www.imus.us.es/images/stories/noticias/2012/estancias-IMUS-2012-en.pdf

Postdoc Position at LAAS-CNRS, Univ. Toulouse, France.
We are seeking candidates for a one-year post-doctoral position at LAAS-CNRS, University of Toulouse, France, within an ongoing project focusing on semidefinite programming and algebraic geometry for polynomial optimal control. The project may focus on software implementation (under our existing Matlab Toolbox GloptiPoly for solving generalized problems of moments), transfer of knowledge to the French aerospace industry (contracts with EADS Astrium and the French space agency CNES), or more fundamental research activities covering real algebraic geometry (polynomial equations and inequalities), functional analysis (theory of moments), mathematical programming (convex optimization over the cone of positive semidefinite matrices), and nonlinear dynamical systems control. A strong background in Applied mathematics is required. Some knowledge of systems control is welcome.
Interested candidates please send your detailed curriculum vitae to Didier Henrion,
http://homepages.laas.fr/henrion
More information:
http://homepages.laas.fr/henrion/#_blank

Postdoctoral Researchers: Mathematics / Applied Mathematics and Computer/ Information Sciences
Geometric Modelling and Scientific Visualization.
King Abdullah University of Science and Technology.
Thuwal, Jeddah, Saudi Arabia.
Closing date: Open until filled.
http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job[IDX]=33513-SC111116b-6e&oid=798206

Postdoctoral Position: Computational Mathematics.
Interdisciplinary Research Institute for the Sciences.
California State University, Northridge, USA.
Closing date: Open until filled.
http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job[IDX]=33561-SC111116b-4e&oid=798206

Marie-Curie Postdoc position. Integrating Numerical Simulation and Geometric Design Technology.
Institute of Applied Geometry.
Johannes Kepler University, Linz, Austria.
http://www.ag.jku.at/

Postdoctoral position in Geometry.
Swiss federal Institute of Technology at Lausanne (EPFL).
If you would like to receipt more information please contact Tamas Hausel (hausel@maths.ox.ac.uk)

Offers for visiting and senior researcher

2-Assistant Professors at Applied or Pure Mathematics.
Department of Mathematics.
University of Warwick, UK.
Closing date: January 3, 2012 (midnight British time).
http://www.jobs.ac.uk/job/ADK719/

Applied Mathematician/ Physicist / Research scientist.
Sound Mathematics Ltd, Cambridge, UK.
Closing date: January 6, 2011 (5:00 pm)
http://www.jobs.ac.uk/job/ADP272/

Lecturer (Assistant Professor) in Pure Mathematics.
School of Mathematics.
University of Bristol, Bristol, UK.
Closing date: January 7, 2012.
http://www.eurosciencejobs.com/job_display/9128/Lecturer_Assistant_Professor_in_Pure_Mathematics_University_of_Bristol_School_of_Mathematics_Bristol_United_Kingdom

Professor in Applied Mathematics.
Department of Mathematics.
University of Warwick, UK.
Closing date: January 13, 2012.
http://www.jobs.ac.uk/job/ADK737/

Lectureship in Math.
Institute of Mathematics.

University of Zurich.
Closing date: January 15, 2012.
http://www.math-jobs.com/j.php?i=45

Lecturer in Pure Mathematics.
School of Mathematical Sciences.
University of Adelaide, Australia.
Closing date: January 20, 2012.
http://www.jobs.ac.uk/job/ADR671/lecturer-in-pure-mathematics/

3 Lectureships in Mathematics.
School of Mathematics.
University of Edinburgh, UK.
Closing date: January 23, 2012.
http://www.jobs.ac.uk/job/ADP846/

Lecturer in Mathematics.
School on Mathematics.
University of Edinburgh, UK.
Closing date: January 23, 2012.
http://www.eurosciencejobs.com/job_display/9167/Lecturer_in_Mathematics_University_of_Edinburgh_Edinburgh_United_Kingdom

Lecturer/Senior Lecturer in Mathematics (3x permanent positions).
School of Mathematics.
Victoria University positions, Wellington, New Zealand.
Closing date: January 31, 2012.

http://www.jobs.ac.uk/job/ADN354/

Tenure-track Position in Applied Mathematics.
American University,Washington, DC, USA.
Closing date: January 31, 2012.
http://www.mathjobs.org/jobs/AU/3078

Lecturer in Mathematics.
Mathematics and Physics Centre.
Xi'an Jiaotong-Liverpool University, China.
Closing date: January 31, 2012.
http://www.math-jobs.com/j.php?i=520

Lecturer/Associate Professor in Mathematics.
Mathematics and Physics Centre.
Xi'an Jiaotong-Liverpool University, China.
Closing date: January 31, 2012.
http://www.jobs.ac.uk/job/ADQ619/lecturer-associate-professor/

Professor in Pure Mathematics.
Department of Mathematics.
University of Warwick, UK.
Closing date: February 3, 2012 (midnight British time).
http://www.jobs.ac.uk/job/ADR556/professor-in-pure-mathematics/

Lecturer in Mathematics.
Department of Mathematics and Statistics.
University of Cantenbury, New Zealand.
Closing date: February 7, 2012 (NZ date)
http://www.jobs.ac.uk/job/ADP168/

Professor of Mathematics (Area: Geometry).
Faculty of Science, Technology and Communication.
University of Luxembourg. Luxembourg.
Closing date: February 24, 2012.
http://www.math-jobs.com/j.php?i=1090
http://wwwen.uni.lu/university/jobs/fstc/enseignants

Assistant Professor in Physics.
The Pennsylvania State University, USA.
Closing date: Application review begins November 1, 2011 and continues until a suitable candidate is found.
http://www.math-jobs.com/j.php?i=1452

Assistant Professor of Mathematics.
Division of Mathematics, Engineering and Computer Science.
Loras College; Dubeque; IA, USA.
Closing date: Open until filled.
http://www.math-jobs.com/j.php?i=207

Lecturer- Mathematics and Computer Science.
CUNY Lehman College, Bronx, NY, USA.
Closing date: Open until filled.
http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job[IDX]=31533-SC111024b-6e&oid=798206

Assistant / Associated Professor in Applied Mathematics.

Department of Mathematics.
Northeastern University, Boston, USA.
Closing date: Open until filled.
http://www.postdocjobs.com/jobs/jobdetail.php?jobid=1084288

Visiting Research at IMI. Call 2011.
Instituto de Matemática Interdisciplinar.
Universidad Complutense de Madrid, Spain.
This call aims to enhance cooperation between IMI researchers and high level researchers and promising young students carrying out their activity in other scientific institutions, in Spain or abroad. During their stays, visitors will collaborate with host IMI Program activities. The following modalities will be considered:
  a) Senior Visiting Researchers
  b) Postdoctoral stays
  c) Predoc Internships
  d) Exploratory meetings
The call will be open permanently. Evaluation and awarding is expected to be made on a monthly basis.
More information:
http://www.mat.ucm.es/IMI/ProgramaVisitantesIMI2011/Call_IMIVisitingResearchers_2011.pdf

Call for Visiting Professors at CIRM. Fondazione Bruno Kessler.
CIRM Visiting Scholars will perform mathematical research in cooperation with scientists and researchers of Trento University or, more generally, of the Trento area, holding some research seminars; CIRM Visiting Professors will hold short Ph.D. courses, or 'Summer Courses', or series of seminars. It is foreseen that the selection process for Visiting Professors-Scholars take place through either
  • individual application, or
  • Invitation by a professor of Trento University or by a member of the Advisory Board.
http://cirm.fbk.eu/en/Visiting+Professors

Research in Pairs Program: Centro Internazionale per la Ricerca Matematica Fondazione Bruno Kessler.
This type of program is similar to the one of the Mathematisches Forschungsinstitut Oberwolfach, and foresees the presence of two or three partners from Universities located in different towns, who intend to work on a definite research project and for a well specified period of time (ranging from one to six weeks). Applicant partners must submit a scientific project in the field of mathematics, with a detailed research program, resulting in one or more scientific publications on journals of excellent mathematical level; the support of the CIRM will then be acknowledged in the resulting publications. Participants in the RIP Program will also give occasional research seminar talks at the CIRM or at the University of Trento, but will enjoy freedom in the pursuit of their scientific goals. Applications where one or more of the partners are Italians will of course be welcome.
http://cirm.fbk.eu/en/node/122

Faculty Position – Mathematics.
Department of Mathematics.
Milwaukee School of Engineering

Milwaukee, WI, USA.
Closing date: Fall 2012.
http://sciences.academickeys.com/seeker_job_display.
php?dothis=display&job[IDX]=32603-SC111024b-8e&oid=798206

Awards

Felix Klein Award 2012
Prize: 5000 Euros.
Deadline: December 31, 2011.
http://www.euro-math-soc.eu/felix_klein_prize.html

Otto Neugebauer Prize
Prize: 5000 Euros.
Deadline: December 31, 2011.
http://euro-math-soc.eu/otto_neugebauer_prize.html

Award José Luis Rubio de Francia 2011
Prize: 3000 Euros.
Closing date: December 31, 2011.
http://www.rsme.es/content/view/816/73/

"Ciencia en Acción" Competition
http://www.cienciaenaccion.org/

Financial support for research projects and conferences

European Call for Researchers' Night 2012.
Aim: To approach the role of researchers in the society to the general public. The next Researchers' Night will be on September 28, 2012.
Deadline: January 10, 2012.
http://ec.europa.eu/research/participants/portal/page/people?callIdentifier=FP7-PEOPLE-2012-NIGHT

Initial Training Networks (ITN)
Deadline: January 12, 2012.
http://ec.europa.eu/research/participants/portal/appmanager/participants/portal

International Research Staff Exchange Scheme (IRSES)
Deadline: January 18, 2012.
http://ec.europa.eu/research/participants/portal/appma

nager/participants/portal

ERC Synergy Grants
The European Research Council ERC has launched a new type of granting scheme that will fund small excellent research teams. ERC Synergy Grants are intended to enable a small group of Principal Investigators and their teams to bring together complementary skills, knowledge, and resources in new ways, in order to jointly address research problems.
ERC Synergy Grants can amount up to 15 million Euros per grant; each grant for up to 6 years.
Deadline for applications: January 2012.
http://erc.europa.eu/funding-schemes/synergy-grants
http://ec.europa.eu/research/participants/portal/page/ideas?callIdentifier=ERC-2012-SyG

INTERESTING NEWS AND PUBLICATIONS

Request of opinion from the mathematical community on a report on ranking methods for mathematical journals, prepared by a joint working group created by the IMU and ICIAM:
http://blog.mathunion.org/
http://blog.mathunion.org/fileadmin/IMU/Report/WG_JRP_Report_01.pdf
http://www.mathunion.org/imu-net/archive/2011/imu-net49b/

International Mathematical Union Newsletter.
http://www.mathunion.org/imu-net

The IRSES Network `GEOMECH'.
GEOMECH is an IRSES network sponsored within the 7th EU Framework Program and is coordinated by Ghent University. It includes partners from Argentina, Belgium, Czech Republic, Japan, Spain and the USA and it aims to facilitate research exchange visits between these partners. More information on the network can be found on the website http://www.geomechnetwork.ugent.be/ the website will

also serve as the forum where the network's activities and outcomes will be disseminated.

Mathematics in Europe
http://www.mathematics-in-europe.eu/

Matemáticas y sus fronteras
http://weblogs.madrimasd.org/matematicas/
Those interested in publishing something, contact with Manuel de León mdeleon.dos@gmail.com

Journal of Geometric Mechanics (JGM)
Volume: 3, Number: 2 June 2011
http://aimsciences.org/journals/contentsListnew.jsp?pubID=453

Free access to Ph.D. dissertations all around the world.
http://www.ndltd.org/find

Professional network for scientists.
http://www.researchgate.net/

Network's collaborators preprints and papers

M. Ceballos, A. Otal, L. Ugarte, R. Villacampa: Classification of complex structures on 6-dimensional nilpotent Lie algebras.
arXiv:1111.5873v1 [math.DG]

W. Sarlet, G. Prince, T. Mestdag, O. Krupkova: Time-dependent kinetic energy metrics for Lagrangians of electromagnetic.
arXiv:1112.0162v1 [math-ph]

G. Sardanashvily: Lagrangian dynamics of submanifolds. Relativistic mechanics.
arXiv:1112.0216v1 [math-ph]

J. Grabowski: Graded contact manifolds and principal Courant algebroids.
arXiv:1112.0759v1 [math.DG]

OTHER CONFERENCES

Thematic Program on Discrete Geometry and Applications.
July-December 2011. Fields Institute, Toronto, ON, Canada.
http://www.fields.utoronto.ca/programs/scientific/11-12/discretegeom/index.html

Special Year on Symplectic Dynamics.
October 10, 2011-March 2012, Institute for Advanced Study, Princeton, USA.
http://www.math.ias.edu/sp/symplectic-dynamics

II Encuentro Conjunto RSME-SMM
January 17-20, 2012. Málaga, Spain.
http://www.rsme.es/content/view/519/91/

Recent trends in nonlinear science.
January 23-27, 2012. Pamplona, Spain.
http://www.dance-net.org/rtns2012/

XII Winter Diffiety School.
January 30-February 12, 2012. Gdynia, Poland.
http://www.levi-civita.org/Activities/DiffietySchools/XIIWDS

EECI Graduate School on Control
February-May 2012. France, Turkey and Italy.
Deadline for advanced registration was Dec. 16, 2011.
http://www.eeci-institute.eu/GSC2012

2nd International Conference on Advances in Control and Optimization of Dynamical Systems.
February 16-18, 2012. Bangalore, India.
http://www.acods.org/

Nonlocal PDEs, Variational Problems and their Applications.
February 27-March 2, 2012. Los Angeles, CA, USA.
http://www.ipam.ucla.edu/programs/pde2012/

Isogeometric Analysis and Applications Workshop (IGAA 2012).
March 12-16, 2012. Linz, Austria.
Deadline for abstract submission: Jan. 15, 2012.
http://www.ag.jku.at/2012igaa/

SIAM Conference on Uncertainty Quantification.
April 2-4, 2012.
Raleigh, North Carolina, USA.
http://www.siam.org/meetings/uq12/

Advances in Scientific Computing, Imaging Science and Optimization: Stan Osher's 70th Birthday Conference.
April 4-6, 2012.
Institute for Pure and Applied Mathematics (IPAM), UCLA, Los Angeles, California, USA.
http://www.ipam.ucla.edu/programs/sjo2012/

Fourth Discrete Geometry and Algebraic Combinatorics Conference.
April 18-21, 2012.
South Padre Island, Texas, USA.
http://blue.utb.edu/dg2012/

Variational Analysis and Its Applications.
April 22-28, 2012.
Paseky nad Jizerou, Czech Republic.
Deadline for reduced fee or scholarship: Jan. 15, 2012.
http://www.karlin.mff.cuni.cz/katedry/kma/ss/apr12/

Symmetries of Differential Equations: Frames, Invariants and Applications. A conference in honor of the 60th birthday of Peter Olver.
May 17-19, 2012. Minneapolis, Minnesota, USA.
http://math.umn.edu/conferences/olver/

AIM Workshop: Contact topology in higher dimensions.
May 21-25, 2012. Palo Alto, California, USA.
http://www.aimath.org/ARCC/workshops/contacttop.html

12th Viennese Workshop on Optimal Control, Dynamic Games and Nonlinear Dynamics.
May 30-June 2, 2012. Vienna, Austria.
Deadline submission of abstracts: Feb 17, 2012.
http://orcos.tuwien.ac.at/events/ocdgnd_2012/#c29435

EUROMECH Colloquium 535 Similarity and symmetry methods in Solid Mechanics.
June 6-9, 2012. Varna, Bulgaria.
http://www.ams.org/meetings/calendar/2012_jun6-9_varna.html

Quantum invariants of 3-manifolds.
June 7-9, 2012. University of Strasbourg, France.
http://www-irma.u-strasbg.fr/article1172.html

XIVth International Conference on Geometry, Integrability and Quantization.

June 8-13, 2012. Near Varna, Bulgaria.
http://www.bio21.bas.bg/conference/

Fourth Conference of the Euro-American Consortium for Promoting the Application of Mathematics in Technical and Natural Sciences.
June 11-16, 2012. Varna, Bulgaria.
Deadline for submitting abstracts: March 31, 2012.
http://2012.eac4amitans.eu/

Summer@ICERM: Geometry and Dynamics.
June 18 – August 10, 2012. Providence, Rhode Island, USA.
http://icerm.brown.edu/summerug

5th Podlasie Conference on Mathematics.
June 25-28, 2012. Bialystok, Poland.
Deadline for contributed sessions: April 1, 2012.
Deadline for abstracts: May 1, 2012.
http://katmat.pb.bialystok.pl/pcm12/

American Control Conference.
June 27-29, 2012. Montréal, Québec, Canada.
http://a2c2.org/conferences/acc2012/index.php

Focus Program on Geometry, Mechanics and Dynamics, the Legacy of Jerry Marsden.
July 2012. Fields Institute, Toronto, Canada.
http://www.fields.utoronto.ca/programs/scientific/12-13/Marsden/index.html

The 9th AIMS Conference on Dynamical Systems, Differential Equations and Applications.
July 1-5, 2012, Orlando, Florida, USA.
http://aimsciences.org/conferences/2012/index.html
As in the previous edition there will be a special session on Geometric Mechanics, organized by Frans Cantrijn, Manuel de Leon and Tom Mestdag. This session has a double goal: to promote the AIMS Journal of Geometric Mechanics by bringing together excellent researchers in the field and to provide a scientific platform for the international partners within the `Geometric Mechanics' network (a network within Marie Curie's International Research Staff Exchange Scheme (IRSES) in the 7th European Framework Program). Anyone interested in participating in the session is cordially invited to register and to submit an abstract to session ss24 at the webpage of the conference, before March 15, 2012.

Workshop on geometric structures on manifolds and their applications.
July 1-7, 2012. Near Marburg, Germany.
Deadline for early registration: April 1, 2012.
http://www.mathematik.uni-marburg.de/~agricola/rauisch2012/

Mathematical Structures in Quantum Systems and applications.
July 2-8, 2012, Benasque, Huesca, Spain.
http://benasque.org/general/cgi-bin/years.pl?ano=2012

6th European Congress of Mathematics.
July, 2-7, 2012. Krakow. Poland
http://www.6ecm.pl/en/home

2nd International Conference on Mathematical Applications in Engineering 2012.
July 3-5, 2012, Kuala Lumpur, Malaysia.
http://www.iium.edu.my/icmae/12/

20th Mediterranean conference on control and automation.
July 3-6, 2012. Barcelona, Spain.
Deadline for invited session proposal: Jan 9, 2012.
Deadline for contributed papers: Jan 16, 2012.
http://med12.esaii.upc.edu/

The 2012 International Conference of Applied and Engineering Mathematics.
July 4-6, 2012. Imperial College London, UK.
Deadline for draft paper submission: March 6, 2012.
http://www.iaeng.org/WCE2012/ICAEM2012.html

20th International Symposium on Mathematical Theory of Networks and Systems.
July 9-13, 2012. Melbourne, Australia.
Deadline for submissions: Feb. 1, 2012.
http://www.mtns2012.com.au/

EVEQ 2012: International Summer School on Evolution Equations.
July 9-13, 2012. Prague, Czech Republic.
http://www.karlin.mff.cuni.cz/~prusv/ncmm/conference/eveq2012/info.html

Mathematical General Relativity.
July 9-20, 2012. Berkeley, California, USA.
http://www.msri.org/web/msri/scientific/workshops/summer-graduate-workshops/show/-/event/Wm9228

3Quantum: Algebra, Geometry, Information.
July 10-14, 2012. Tallinn, Estonia.
http://www.agmp.eu/qqq/

Poisson 2012.
School: July 23-27, 2012.
Conference: July 30-August 3, 2012.
Utrecht, The Netherlands.
Early registration: May 14, 2012.
http://www.projects.science.uu.nl/poisson2012/

The 24th International Conference on Formal Power Series and Algebraic Combinatorics (FPSAC.12).
July 30-August 3, 2012. Nagoya, Japan.
http://www.math.nagoya-u.ac.jp/fpsac12/

Variational Methods for Evolving Objects.
July 30 – August 3, 2012. Sapporo, Japan.
http://www.math.sci.hokudai.ac.jp/sympo/120730/index_en.html

XVII International Congress on Mathematical Physics.
August 6-11, 2012. Aalborg, Denmark.
Deadline for contributed talks and posters: March 15, 2012.
http://www.icmp12.com/

Spectral Theory and Differential Equations.
August 20-24, 2012. Kharkiv, Ukraine.
http://www.ilt.kharkov.ua/Marchenko2012/

4th IFAC workshop on Lagrangian and Hamiltonian methods for nonlinear control.
August 29-31, 2012. Bertinoro, Italy.
Deadline for draft submission: March 15, 2012.
www.lhmnlc12.deis.unibo.it

International Conference on Differential-Difference Equations and Special Functions.
September 3-7, 2012. Patras, Greece
http://www.icddesf.upatras.gr/

15th IFAC conference on Control Applications of Optimization.
September 13-16, 2012. Rimini, Italy.
http://cao2012.imm.uran.ru/

New trends in Dynamical Systems.
October 1-5, 2012. Salou, Catalonia, Spain.
http://www.gsd.uab.cat/ntds2012/index.php

2012 IEEE Multi-conference on systems and control.
October 3-5, 2012. Dubrovnik, Croatia.
Deadline for contributions: Feb. 10, 2012.
http://www.msc2012.org/

15th Latin American Control Conference.
October 23-26, 2012. Lima, Peru.
Deadline for draft paper submission: May 15, 2012.
http://congreso.pucp.edu.pe/clca-2012/

51th IEEE Conference on Decision and Control.
December 10-13, 2012. Maui, Hawaii, USA.
Deadline for proposals/submissions: March 1, 2012.
http://control.disp.uniroma2.it/cdc2012/

International Conference on the Theory, Methods and Applications of Nonlinear Equations.
December 17-21, 2012. Kingsville, Texas, USA.
http://www.tamuk.edu/artsci/math/conference_2012/about.html

Interactions Between Analysis and Geometry.
March 11-14, 2013. Los Angeles, California, USA.
http://www.ipam.ucla.edu/programs/iag2013/

SIAM Conference on Applications of Dynamical Systems.
May 19-23, 2013. Snowbird, Utah, USA.
http://www.siam.org/meetings/ds13/

American Control Conference.
June 17-19, 2013. Washington, DC, USA.
Deadline for submitting draft manuscripts: Sept.17, 2012.
http://a2c2.org/conferences/acc2013/

European Control Conference.
July 17-19, 2013. Zurich, Switzerland.
Deadling for proposals: Sept. 2012.
www.ecc13.ch

1st Mathematical Congress of the Americas.
August 5-9, 2013. Guanajuato, Mexico.
http://www.mca2013.org/

NOLCOS 2013.
Sept. 4-6, 2013. Toulouse, France.
http://conf.laas.fr/NOLCOS2013/

Optimal Transport: Geometry and Dynamics.
August 19-December 20, 2013. Berkeley, CA, USA.
http://www.msri.org/web/msri/scientific/programs/show/-/event/Pm8952

NOTE: if you want to include information in this info-sheet, please send it to gmcnet@ull.es