GMC Network Infosheet
November 2011

NETWORK'S ACTIVITIES

Geometry of Mechanics, Field Theory and Control: a Workshop celebrating the 65th birthday of M. C. Muñoz-Lecanda.
Technical University of Catalonia, Barcelona, Spain.
December 19-20, 2011.
Dinner registration deadline: December 2, 2011.
Details about registration are provided on the website:
http://gmcnetwork.org/?q=node/618

VI International Young Researchers Workshop on Geometry, Mechanics and Control.
Coimbra, Portugal.
January 10-13, 2012.
Speakers:
Tomoki Ohsawa (University of California, San Diego, 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-detaill/610

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

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

JOB OFFERS, FELLOWSHIPS AND AWARDS

Ph D offers

PhD Studentship in Mathematical Control Theory.
Department of Mathematics.
London School of Economics and Political Science., UK.
Closing date: November 28, 2011.
http://www.findaphd.com/search/ProjectDetails.aspx?PJID=34879&LID=1941

PhD position on Differential Geometry, Dynamical Systems and Applications.
Technical University of Catalonia, Barcelona, Spain.
Closing date: November 30, 2011.
http://www.ctt.upc.edu/Beques-UPC_117_119_ca.html

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 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.
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

Postdoctoral fellowships

Glasstone Research Fellowships.
University of Oxford, UK.
Closing date: November 28, 2011.
http://www.mpls.ox.ac.uk/research/glasstone-research-fellowships

Postdoctoral Fellow in Geometry, Topology or Mathematical Physics.
Mathematical Institute.
University of Oxford, UK.
Closing date: December 2, 2011 (12:00 noon UK time).
http://www.jobs.ac.uk/job/ADM771/

Postdoctoral Research Position-Multiscale and continuum models of vascular tumour growth.
Oxford Centre for Collaborative Applied Mathematics (OCCAM).
University of Oxford, UK.
Closing date: December 2, 2011.
http://www.jobs.ac.uk/job/ADL669/

Research Fellow in Dynamical Systems.
Applied Mathematics and Mathematical Physics Section. Department of Mathematics.
Imperial College London, UK.
Closing date: December 5, 2011.
http://www.jobs.ac.uk/job/ADM081/

University Postdoctoral Research Fellowships. Pure Mathematics (3 posts).
Department of Pure Mathematics and Mathematical Statistics.
University of Cambridge, UK.

Closing date: December 9, 2011.
http://www.jobs.ac.uk/job/ADM428/

Research Fellowship-Mathematics or Mathematical Physics.
School of Mathematics.
University of Edinburgh, Scotland, UK.
Closing date: December 9, 2011.
http://www.jobs.ac.uk/job/ADK449/

Simons Postdoctoral Fellowship in Pure Mathematics.
Department of Pure Mathematics and Mathematical Statistics.
University of Cambridge, UK.
Closing date: December 13, 2011.
http://www.jobs.ac.uk/job/ADM483/

Postdoctoral fellow.
Departemt of Mathematics Sciences.
University of Durham, UK.
The Department of Mathematical Sciences of Durham University invites applications for a fixed-term postdoctoral position, to begin on 1 February 2012 (or on an agreed upon later date), to work on a DFG (the German national funding body for science) funded project "Discrete and phase field models of dislocations and their macroscopic limits" independently and with other members of the department. The project is in the area of partial differential equations and calculus of variations with applications in engineering. The aim is to understand the spontaneously forming microstructure which arises in plastically deformed crystalline materials.
Closing date: December 14, 2011.

2 PostDoc Positions in Mathematics Inspired by String Theory and QFT.
Department of Mathematics and Physcis.
University of Hamburg, Germany.
Closing date: December 14, 2011.
http://www.math-jobs.com/j.php?i=911

2-Warwick Zeeman Lectureships in 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/

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 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/

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/

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/

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

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/

Offers for visiting and senior researcher

Chair Professor in Applied Physics.
Department of Engineering Sciences and Mathematics.
Lulea University of Technology, Sweden.
Closing date: November 30, 2011.
http://www.jobs.ac.uk/job/ADI652/

Professor of Mathematics.
Department of Mathematics.
ETH Zurich, Switzerland.
Closing date: November 30, 2011.
http://www.facultyaffairs.ethz.ch/facultypositions/prof_mathematics

Assistant Professor (Profesor ayudante doctor) in Applied Mathematics.
Department of Mathematics.
University Carlos III de Madrid, Spain.
Closing date: November 30, 2011.
http://www.uc3m.es/portal/page/portal/inicio/universidad/empleo_universidad/personal_docente_e_investigador/pdi_ayudantes

Lecturer /senior lecturer in Applied Mathematics and Statistics.
University of Kurdistan Hewler, Erbil, Kurdistan, Iraq.
Closing date: December 1, 2011.
http://www.jobs.ac.uk/job/ADN004/

Lecturer or Senior Lecturer / Reader in Engineering Mathematics.
Merchant Venturers School of Engineering.
University of Bristol, UK.
Closing date: December 12, 2011.
http://www.jobs.ac.uk/job/ADO627/

Call for a programme of short Mathematical visits.
International Center for Pure and Applied Mathematics, France.
This programme is designed for mathematicians residing in a developing country and having received their PhD within the last four years when applying or expecting to obtain it in the next two years. Those coming from newly industrialized countries as of 2011 (follow the link for the precise list) will be considered for partial support.
Each candidate should have a concrete and precise project involving a mathematician working in France and including a visit (one to four weeks in 2012) at one

or several CARMIN institutions (IHP, IHÉS, CIRM and/or Laboratoire Dieudonné in Nice). The project must be closely related to one of their activities. Part of the time can be spent at other centres in CIMPA supporting States: France, Norway, Spain or Switzerland. In case a candidate has other sources of funding for living expenses longer visits can be considered.
The grant will be for partial or complete coverage of travel expenses and/or living expenses.
Application Deadline: end of November.
http://www.cimpa-icpam.org/spip.php?article456

Assistant Professor in Mathematics.
Mathematics department.
Albright College, Reading, PA, USA.
Closing date: December 1, 2011.
http://www.math-jobs.com/j.php?i=1122

Lecturer in Mathematics.
Faculty of Science & Technology, School of Computing and Mathematics.
Plymouth University, UK.
Closing date: December 8, 2011.
http://www.jobs.ac.uk/job/ADM982/

Assistant Professor.
Department of Mathematics & Statistics.
University of South Florida, Tampa, USA.
Deadline: December 15, 2011.
http://www.math-jobs.com/j.php?i=566

University Lecturerships (3 pots) in Pure Mathematics.
Department of Pure Mathematics and Mathematical Statistics.
University of Cambridge, UK.
Closing date: December 16, 2011.
http://www.jobs.ac.uk/job/ADN110/

Assistant Professor and lecturer in Mathematics, Physics and Chemistry.
Jubail University College (JUC).
Saudi Arabia.
Closing date: December 20, 2011.
http://www.jobs.ac.uk/job/ADK222/

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/

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

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/

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

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

The Ferran Sunyer i Balaguer Prize 2012.
Prize: 15.000 Euros
Monographs submissions should be sent before
December 2, 2011.
http://ffsb.iec.cat/EN/

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

Call for CRM Research programmes.
The CRM in Barcelona invites proposals for Research
Programmes during the academic year 2013-2014 in
any branch of mathematics and its applications.
Deadline: December 12, 2011.
http://www.crm.cat/CALLS/CALLS_RESEARCH_PRO
GRAMS/Call_Research_Program_1314.htm

**National R & D Internationalisation
Program.**
This program includes several sub programmes:
EUROINVESTIGACIÓN (EUROCORES and YIP
projects), international projects, promoting international
scientific cooperation, specialisation in International
Organisations, actions relating to international
scientific infrastructures.
Deadline depending on the subprogramme.
http://www.micinn.es/portal/site/MICINN/menuitem.d20
caeda35a0c5dc7c68b11001432ea0/?vgnextoid=71f25
6bc1aea0210VgnVCM1000001034e20aRCRD&lang_c
hoosen=en

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/p

eople?callIdentifier=FP7-PEOPLE-2012-NIGHT

Initial Training Networks (ITN)
Deadline: January 12, 2012.
http://ec.europa.eu/research/participants/portal/appma
nager/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/id
eas?callIdentifier=ERC-2012-SyG

INTERESTING NEWS AND PUBLICATIONS

**Institute for the Mathematical Sciences,
ICMAT (CSIC-UAM-UC3M-UCM),** in Madrid
(Spain) obtains the Severo Ochoa award
for Excellence in Spain. GMC network
sincerely congratulates its members at
ICMAT.

**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_J
RP_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 members preprints and papers

M. Barbero-Liñán, M. de León, J. C. Marrero, D. Martín de Diego, M. C. Muñoz Lecanda: Kinematic reduction and the Hamilton-Jacobi equation.
arXiv:1110.6066v1 [math-ph]

M. Castrillón Lopez, I. Lujan: Reduction of Homogeneous Riemannian Structures.
arXiv:1110.6335v1 [math.DG]

Y. Ru, S. Martínez: Energy-Based Voronoi Partition in Constant Flow Environments.
arXiv:1111.0071v1 [math.OC]

P. Antunes, C. Laurent-Gengoux, J. M. Nunes da Costa: Hierarchies and compatibility on Courant algebroids.
arXiv:1111.0800v1 [math.DG]

I. Androulidakis, M. Zambon: Smoothness of holonomy covers for singular foliations and essentia isotropy.
arXiv:1111.1327v1 [math.DG]

J. F. Cariñena, J. Grabowski, J. de Lucas: Superposition rules for higher-order systems and their applications.
arXiv:1111.4070v1 [math-ph]

J. C. Marrero, E. Padron, M. Rodriguez-Olmos: Reduction of a Symplectic Lie Algebroid with Momentum Map and its Application to Fiberwise Linear Poisson Structures.
arXiv:1111.4696v1 [math.SG]

M. Castrillón Lopez, P. M. Gadea, A. Swann: The homogeneous geometries of real hyperbolic space.
arXiv:1111.5723v1 [math.DG]

P. D. Prieto Martínez, N. Román Roy: Unified formalism for higher-order non-autonomous dynamical systems.
arXiv:1111.6020v1 [math-ph]

Network's collaborators preprints and papers

J. Vankerschaver, C. Liao, M. Leok: Generating Functionals and Lagrangian PDEs.
arXiv:1111.0280v1 [math-ph]

M. Fernández, V. Manero, A. Otal, L. Ugarte: Symplectic half-flat solvmanifolds.

arXiv:1111.4125v1 [math.DG]

J. Grabowski, M. Kus, G. Marmo: Segre maps and entanglement for multipartite systems of indistinguishable particles
arXiv:1111.4812v1 [math-ph]

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

EUYAM 2011: Geometric Analysis and Partial Differential Equations.
November 28-30, 2011. Granada, Spain.

http://www.ugr.es/~surfaces/workshop2011/
EPSRC Workshop: Topics in Control.
November 30-December 2, 2011. Warwick, UK.
http://www2.warwick.ac.uk/fac/sci/maths/research/events/2011-2012/tic/

50th IEEE Conference on Decision and Control and European Control Conference.
December 12-15, 2011. Orlando, Florida, USA.
http://control.disp.uniroma2.it/cdcecc2011

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

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 is 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/

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/

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.
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

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