



Geometry, Mechanics and Control Network Infosheet

April 2012

Editors: *María Barbero and Silvia Vilariño*

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GMC Network Infosheet

April 2012

Network's activities

Invited Master Mini-course on "Generalised subbundles, distributions, families of vector fields, and affine distributions"

by **Andrew D. Lewis (Queen's University, Canada)** at ICMAT (Madrid, Spain).

- **Mini-course dates:** May 16-18, 2012.
ICMAT, Aula Gris 1, 10-11.30 and 12-13.30.
- **UC3M Colloquium on Fundamental Problems in Geometric Control Theory:** **Thursday, May 24, 2012. 10:45 am. Room 2.2.D08.** Sabatini Building, Universidad Carlos III de Madrid, Leganés (Madrid), Spain.
<http://matematicas.uc3m.es/index.php/seminarios/dpto-colloquia>

If you are interested in attending the mini-course, **please confirm your attendance before May 14, 2012** by sending an e-mail with your arrival and departure dates to mbarbero@icmat.es

6th International Summer School on Geometry, Mechanics and Control (ICMAT School)

La Cristalera, Miraflores de La Sierra, Spain. June 22-26, 2012.

Speakers:

- D. Holm (Imperial College London, UK): Geometric Mechanics for Pedestrians: lessons from Fermat, Hamilton, Lie and Poincare.
- A. Iserles (University of Cambridge, UK): Lie-group methods for ODEs
- J. Montaldi (University of Manchester, UK): Dynamics in Symmetric Hamiltonian Systems

Important dates:

- **Registration: May 15, 2012.**
- **Accommodation: May 15, 2012.**
- **Scholarships: April 30, 2012.**
- **Abstract submission for posters: May 31, 2012.**

<http://gmcnetwork.org/?q=activity-detail/665>

Session on "Geometric Mechanics" at the 9th AIMS Conference on Dynamical Systems, Differential Equations and Applications.

Orlando, Florida, USA. July 1-5, 2012.

<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](#) and ["Geometric Mechanics"](#). Check abstracts in session ss24 at the [webpage](#) of the conference.

XXI International Fall Workshop on Geometry and Physics.

Burgos, Spain, August 30-September 1, 2012.

Minicourses:

- J. Grabowski (Polish Academy of Science, Poland)
- M. Santander (University of Valladolid, Spain)

Important dates:

- **Deadline for abstract submission: May 10, 2012.**
- **Registration deadline: July 22, 2012.**

<http://gmcnetwork.org/?q=activity-detail/756>
<http://www3.ubu.es/ifwgp2012>

3rd Iberoamerican Meeting on Geometry, Mechanics and Control.

Salamanca, Spain. September 3-7, 2012.

<http://fundacion.usal.es/3imgmc/>

<http://gmcnetwork.org/?q=activity-detail/662>

Deadline for poster submissions: May 1-31, 2012.

7th International Young Researchers Workshop on Geometry, Mechanics and Control.

Madrid, Spain. December 17-19, 2012

<http://gmcnetwork.org/?q=activity-detail/666>

Job offers, fellowships and awards

Ph D offers

Fields-Mitacs Undergraduate Summer Research Program 2012.

Fields Institute for the Mathematical Sciences, Toronto, Canada.

Closing date: April 30, 2012.

www.fields.utoronto.ca/programs/scientific/12-13/summer-research12/

PhD positions at the Department of Mathematics, Stockholm University.

Sweden.

Closing date: May 2, 2012.

<http://www2.math.su.se/~pak/PhD.html>

OCCAM Visiting Doctoral Studentship.

Mathematics Institute in Oxford University, UK.

Closing date: May 14 and September 14, 2012.

<http://www.maths.ox.ac.uk/groups/occam/visit-us/ovs-ovp-applications>

Master and PhD grants in Mathematics.

Universidad Autónoma de Madrid, Spain.

Closing date: May 22, 2012.

http://verso.mat.uam.es/web/index.php?option=com_docman&task=doc_view&gid=576&tmpl=component&format=raw&Itemid=191&lang=es

Position for a Marie-Curie PhD student on Integrating Numerical Simulation and Geometric Design Technology.

Institute of Applied Geometry.

Johannes Kepler University, Linz, Austria.

Closing date: July 31, 2012.

<http://ec.europa.eu/euraxess/index.cfm/jobs/jobDetails/33750894>

Position for a Marie-Curie PhD student on Integrating Numerical Simulation and Geometric Design Technology.

Institute of Applied Geometry.

Johannes Kepler University, Linz, Austria.

Closing date: August 1, 2012.

<http://ec.europa.eu/euraxess/index.cfm/jobs/jobDetails/33750888>

PhD Position in Mathematics Inspired by String Theory and QFT.

University of Hamburg, Germany.

Closing date: December 31, 2012.

<http://www.euro-math-soc.eu/node/2396>

PhD Student and Research Fellowships.

The International Mathematical Union, the Einstein Foundation Berlin and the Berlin Mathematical School

invite applications from 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>

Ph D Studentship Position in Applied Mathematics.

Basque Center for Applied Mathematics, Spain.

<http://www.bcama.org/en/research/job/job-offer-phd-students>

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 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 Integrability.

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 – Nonlinear Integrable PDEs and Non-commutative Geometry (Integrable Systems).

Department of Applied Mathematics.

University of Leeds, UK.

Closing date: applications accepted all year round.

<http://www.findaphd.com/search/ProjectDetails.aspx?PJID=19046&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>

PhD Research Project – Sine-Gordon Solitons vs. Calogero-Moser Particles (Integrable Systems).

Department of Applied Mathematics.
University of Leeds, UK.

Closing date: applications accepted all year round.

<http://www.findaphd.com/search/ProjectDetails.aspx?PJID=19075&LID=754>

PhD Research Project – Integrable Difference Equations.

Department of Applied Mathematics.
University of Leeds, UK.

Closing date: applications accepted all year round.

<http://www.findaphd.com/search/ProjectDetails.aspx?PJID=19071&LID=754>

Postdoctoral fellowships

24 posdoctoral research visit among Universidad Autònoma de Barcelona, Autònoma de Madrid, Carlos III de Madrid and Pompeu Fabra (Spain).

Deadline: April 27, 2012.

http://www.uc3m.es/portal/page/portal/inicio/universidad/empleo_universidad/alianza_4universidades2

Postdoctoral Research Assistant

Mathematical Institute.
University of Oxford, UK.

Deadline: April 30, 2012

<http://www.jobs.ac.uk/job/AED773/postdoctoral-research-assistant/>
<http://www.math-jobs.com/j.php?i=4976>

Postdoctoral Research Fellow in Applied Mathematics/Theoretical Physics

Applied Mathematics.
University of Southampton, UK.

Deadline: May 3, 2012

<http://www.jobs.ac.uk/job/AEF485/postdoctoral-research-fellow-in-applied-mathematics-theoretical-physics/>

Research Fellow in Quantum Mechanics.

School of Mathematical and Physics.
Queen's University Belfast, UK.

Deadline: May 4, 2012.

<http://www.jobs.ac.uk/job/AEI264/research-fellow/>

Postdoctoral research position at INRIA France.

Inria is an international key player in theoretical and applied research in the field of informatics and applied mathematics. Its contribution to research fields of critical importance for the future, such as the environment, education, health and new technologies, puts Inria at the heart of our society, with an approach founded on scientific excellence and prestigious industrial and academic partnerships.

Deadline: June 29, 2012.

<http://www.inria.fr/en/post-doctoral>

OCCAM Postdoctoral Research Assistants.

Mathematics Institute in Oxford University, UK.

Closing date: May 14 and September 14, 2012.

<http://www.maths.ox.ac.uk/groups/occam/visit-us/ovs-ovp-applications>

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>

Fulbright Postdoctoral Research Grants for US Senior Researchers.

Closing date: August 1, 2012.

<http://fulbright.es/convocatorias/ver/1005/postdoctoral-research/2013-2014>

Marie Curie 2012. Intra European Fellowship, International Incoming Fellowship, International Outgoing Fellowship.

Closing date: August 16, 2012.

http://ec.europa.eu/research/participants/portal/page/people:efp7_SESSION_ID=5PGvPm4CnmZh4npNIQ5DZntCHVHkW1D7PnJk40jkn4JKcvLsqML6!1086760178

Weierstrass Postdoctoral Fellowships Program.

The Weierstrass Institute for Applied Analysis and Stochastic (WIAS) offers postgraduate fellowships for 2011/2012. Their duration is 6 or 12 months. 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: August 31, 2012.

More information:

<http://www.wias-berlin.de/jobs/fellowship.jsp?lang=1>

Marie-Curie Postdoc position. Integrating Numerical Simulation and Geometric Design Technology.

Institute of Applied Geometry.

Johannes Kepler University, Linz, Austria.

Closing date: September 1, 2012.

<http://ec.europa.eu/euraxess/index.cfm/jobs/jobDetails/33750897>

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 on-going project focusing on semi definite 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

Postdoc Positions in Applied Mathematics.

Basque Center for Applied Mathematics, Spain.

<http://www.bcamath.org/en/research/job/job-offer-postdoctoral-fellows>

Offers for visiting and senior researcher

Reader/Lecturer in Pure Mathematics.

Mathematical Sciences.

Durham University, UK.

Deadline: April 27, 2012.

<http://www.jobs.ac.uk/job/AEE596/>

Lecturer in Applied Physics and Mathematics

University of Portsmouth - School of Earth and Environmental Sciences

Deadline: April 27, 2012.

<http://www.jobs.ac.uk/job/AEF199/lecturer-in-applied-physics-and-mathematics/>

Reader or Chair of Pure Mathematics.

UCL Department of Mathematics.

University College London.

Closing date: April 29, 2012.

<http://www.jobs.ac.uk/job/AEA655/reader-or-chair-of-pure-mathematics/>

Associate Professor (Profesor Contratado Doctor) in Applied Mathematics.

Department of Applied Mathematics II.

University of Sevilla, Sevilla Spain.

Deadline: April 30, 2012.

<http://www.juntadeandalucia.es/boja/boletines/2012/71/d/updf/d8.pdf> (Spanish)

Assistant Professor in Mathematics.

University of Zurich, Switzerland.

Deadline: April 30, 2012.

<http://www.mnf.uzh.ch/en/services/job-openings.html>

Assistant Professor algebra, geometry and mathematical physics

Korteweg-de Vries Institute.

University of Amsterdam, North Holland, The Netherlands.

Deadline: May 1, 2012.

<http://www.math-jobs.com/j.php?i=4970>

Lecturer in Pure Mathematics (2 posts)

School of Mathematics.

University of East Anglia, UK.

Deadline: May 4, 2012

<http://www.jobs.ac.uk/job/AEF789/lecturer-in-pure-mathematics-2-posts/>

Lecturer in Applied Mathematics

School of Mathematics.

University of East Anglia, UK.

Deadline: May 4, 2012

<http://www.jobs.ac.uk/job/AEF813/lecturer-in-applied-mathematics/>

ICREA senior position.

Closing date: May 7, 2012.

<http://www.icrea.cat/web/Public/ViewPublicCall.aspx?IdPublicCall=35&tipus=1>

Lecturer/Senior Lecturer in Pure Mathematics.

Department of Mathematical Sciences.

Faculty of Science and Engineering.

University of Liverpool, UK.

Deadline: May 25, 2012.

<http://www.jobs.ac.uk/job/AEG460/lecturer-senior-lecturer-in-pure-mathematics/>

Lecturer in Applied Mathematics.

Department of Mathematical Sciences.

Faculty of Science and Engineering.

University of Liverpool, UK.

Deadline: May 25, 2012.

<http://www.jobs.ac.uk/job/AEG463/lecturer-in-applied-mathematics/>

Professorship in Theoretical Physics.

University of Zurich, Switzerland.

Deadline: May 31, 2012.

<http://www.mnf.uzh.ch/en/services/job-openings.html>

Lecturer in Applied Mathematics.

School of Mathematics and Statistics.

University of Sydney.

Deadline: June 1, 2012.

<http://www.jobs.ac.uk/job/AEH386/lecturer-in-applied-mathematics/>

3 Assistant Professors in Mathematics.

Departamento de Matemáticas.

Pontificia Universidad Católica de Chile, Chile.

Closing date: June 30, 2012.

<http://www.math-jobs.com/j.php?i=1052>

Aid to invite speakers Fulbright.

Aid to Spanish institutions to invite American Fulbright lecturers for a maximum period of two weeks.

Closing date: July 31, 2012.

<http://fulbright.es/convocatorias/ver/984/ayudas-para-que-instituciones-espanolas-inviten-a-conferenciantes-fulbright-para-un-periodo-maximo-de-dos-semanas/2011-2012>

Senior and Associate Researcher Positions in Applied Mathematics.

Basque Center for Applied Mathematics, Spain.

<http://www.bcamath.org/en/research/job/job-offer-senior-and-associate-researchers>

OCCAM Visiting Fellowships (OVF)

Visiting positions are available for established researchers in Applied and Computational Mathematics for Visiting Fellowships at the Oxford Centre for Collaborative Applied Mathematics (OCCAM). OVFs will be expected to collaborate with OCCAM's research teams and be actively involved in OCCAM's existing research projects, but they will also have freedom to pursue other lines of research. OVFs will hold a senior academic position in another higher education institution and will have research interests that are compatible with OCCAM's extended faculty.

Applications deadline: October 1, 2012.

https://www.maths.ox.ac.uk/system/files/attachments/OCCAM-Visiting-Fellowships_Nov_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>

Awards

Scientific "Joan LLuis Vives" Award.

For PhD students about to defend the thesis.

Deadline: April 30, 2012.

<http://www.vives.org/ca/serveis/espai-de-coneixement/premi-de-comunicacio-cientifica-joan-lluis-vives/>

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>

Visiting the ICMAT.

The ICMAT offers the possibility of hosting researchers wishing to stay at the institute for a period normally ranging from one to twelve months, preferably having a research plan and a scientific connection with ICMAT researchers.

Visitors will be provided with office space and working facilities at the institute, as well as house-finding assistance if necessary. No financial support will be provided for these visits.

Applications can be submitted at any time by sending the required information to the ICMAT at gestion@icmat.es, generally 2 months before the start of the desired stay.

More Information:

<http://www.icmat.es/people/visitFac>

Visiting Research at IUMA. Call 2012.

Instituto Universitario de Matemáticas y Aplicaciones (IUMA). University of Zaragoza, Spain.

The IUMA call grants for stays of foreign researchers wishing to stay at the institute for a period from one and three months.

The call will be open until September 30, 2012, generally 1 month before the start of the desired stay.

<http://iuma.unizar.es/>

Chair and Professor in Mathematics.

Department of Mathematics.

Washington State University, USA.

Closing date: open until filled.

[http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job\[IDX\]=35043-SC120220b-6e&oid=798206](http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job[IDX]=35043-SC120220b-6e&oid=798206)

"Albert Dou" Award 2012. Societat Catalana de Matemàtiques.

Deadline: May 30, 2012.

http://blocs.iec.cat/scm/files/2011/11/Premi-Albert-Dou_corr.pdf

Fundación BBVA Award: " Fronteras del Conocimiento".

Deadline: June 30, 2012.

<http://www.fbbva.es/TLFU/tlfu/esp/microsites/premios/fronteras/bases/index.jsp#6>

"Ciencia en Acción" Competition

<http://www.cienciaenaccion.org/>

Financial support for research projects and conferences

ESF Exploratory Workshops - 2012 Call for Proposals

<http://www.esf.org/media-centre/ext-single-news/article/esf-exploratory-workshops-2012-call-for-proposals-820.html>

Awards are for workshops to be held in the calendar year 2013 (1 Feb. - 31 Dec.).

Deadline for receipt of proposals: 3 May 2012 (16:00 CET).

2014 CIMPA research schools call for projects.

Deadlines

For pre-proposal: June 15, 2012.

Complete proposal: October 1, 2012.

<http://www.cimpa-icpam.org/spip.php?article124>

Marie Curie Career Integration Grants (CIG)

Deadlines (at 17:00 Brussels time): Sept. 18, 2012.

<http://ec.europa.eu/research/participants/portal/page/people?callIdentifier=FP7-PEOPLE-2012-CIG>

Interesting news and publications

Online Encyclopaedia of Mathematics.

http://www.encyclopediaofmath.org/index.php/Main_Page

March International Mathematical Union Newsletter.

<http://www.mathunion.org/imu-net/archive/2012/imu-net-52/>

Info website for Ph.D Students in Mathematics.

i-Math Consolider project (only in Spanish).

<http://www.doctoradomath.es/>

The IRSES Network 'GEOMECH'.

GEOMECH is an IRSES network sponsored within the 7th EU Framework Program and is coordinated by Ghent University.

<http://www.geomechnetwork.ugent.be/>

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: 4, December 2011.

<http://aims sciences.org/journals/home.jsp?journalID=17>

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

A. Enciso, F. Finkel, A. Gonzalez-Lopez: Thermodynamics of spin chains of Haldane-Shastry type and one-dimensional vertex models.

arXiv:1204.3805v1 [cond-mat.stat-mech]

J.F. Cariñena, J. de Lucas: Lie systems: theory, generalisations and applications.

arXiv:1103.4166v1 [math-ph]

B. Ghahserifard, J. Cortes: Continuous-time distributed convex optimization on directed graphs.

arXiv:1204.0304v1 [math.OC]

B. Ghahserifard, J. Cortes: Distributed convergence to Nash equilibria by adversarial networks.

arXiv:1204.0852v1 [math.OC]

M. Delgado-Téllez, A. Ibort: A Hamiltonian Algorithm for Singular Optimal LQ Control Systems

arXiv:1204.2575v1 [math.OC]

Network's collaborators preprints and papers

M. Asorey, P. Facchi, V.I. Man'ko, G. Marmo, S. Pascazio and E. C. G. Sudarshan: Generalized quantum tomographic maps.

arXiv:1203.5833v1 [quant-ph]

M. Duetsch, J. M. Gracia-Bondia: On the assertion that PCT violation implies Lorentz non-invariance.

arXiv:1204.2654v1 [hep-th]

OTHER CONFERENCES

ECCI Graduate School on Control

February-May 2012. France, Turkey and Italy.

<http://www.eeci-institute.eu/GSC2012>

Geometry and Quantization of Moduli Spaces.

March-June 2012. Centre de Recerca Matemàtica, Bellaterra, Barcelona, Spain.

<http://www.crm.es/Activitats/Activitats/2011-2012/RPGEOMETRY/>

Variational Analysis and Its Applications.

April 22-28, 2012.

Paseky nad Jizerou, Czech Republic.

<http://www.karlin.mff.cuni.cz/katedry/kma/ss/apr12/>

ITN SADCO Meeting: Applied and Numerical Optimal Control.

April 23-27, 2012. ENSTA ParisTech, France.

<http://itn-sadco.inria.fr/events-meetings/network-wide-activities/anoc-2012-paris>

Workshop of the ZiF Research Group "Quantumscience": Mathematical Aspects of Quantum Mechanics and Quantum Transport Theory.

April 23-28, 2012. Bielefeld, Germany.

[http://www.uni-bielefeld.de/\(en\)/ZIF/FG/2012Quantumscience/events/04-23-Froehlich.html](http://www.uni-bielefeld.de/(en)/ZIF/FG/2012Quantumscience/events/04-23-Froehlich.html)

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/>

INDAM meeting on Geometric Control and subRiemannian Geometry, in honor of Andrey Agrachev's 60th birthday.

May 21-25, 2012. Cortona, Italy.

<http://www.cmap.polytechnique.fr/geometric-control-srg/index.php>

AIM Workshop: Contact topology in higher dimensions.

May 21-25, 2012. Palo Alto, California, USA.

<http://www.aimath.org/ARCC/workshops/contactop.html>

10th Workshop on interactions between dynamical systems and partial differential equations.

May 28-June 1, 2012, Barcelona, Spain.

<http://www.ma1.upc.edu/recerca/seminaris/JISD2012/indexjisd2012.html>

12th Viennese Workshop on Optimal Control, Dynamic Games and Nonlinear Dynamics.

May 30-June 2, 2012. Vienna, Austria.

<http://orcos.tuwien.ac.at/events/ocdgn2012/#c29435>

Intensive Period on "Geometric and Analytic Techniques in Calculus of Variations and Partial Differential Equations".

June-July 2012. Centro de Giorgi, Pisa, Italy.

<http://crm.sns.it/event/233/>

First Joint Conference of the Belgian, Royal Spanish and Luxembourg Mathematical Societies BMS- RSME-SML.

June 6-8, 2012. Liège, Belgium.

<http://nalag.cs.kuleuven.be/research/workshops/BSL2012/>

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.

<http://2012.eac4amitans.eu/>

ICTP_ESF School and Conference on Geometric Analysis.

June 11-29, 2012. Trieste, Italy.

http://portal.ictp.it/math/Activity_Single?id=a11168

Quantum Mechanics, Operator Theory and the Riemann Zeta function.

June 17-23, 2012. Benasque, Spain.

<http://benasque.org/2012qm/>

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 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>

Differential Geometry Days in honor of Luis A. Cordero.

June 27-29, 2012. Santiago de Compostela, Spain.

<http://xtsunxet.usc.es/cordero2012/>

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>

Workshop on geometric structures on manifolds and their applications.

July 1-7, 2012. Near Marburg, Germany.
<http://www.mathematik.uni-marburg.de/~agricola/rauisch2012/>

Workshop Periods and Motives. A modern perspective on renormalization.

July 2-6, 2012. ICMAT, Madrid, Spain.
<http://www.icmat.es/congresos/periods-and-motives/>

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.
<http://med12.esaii.upc.edu/>

The 2012 International Conference of Applied and Engineering Mathematics.

July 4-6, 2012. Imperial College London, UK.
<http://www.iaeng.org/WCE2012/ICAEM2012.html>

Mathematical Structures in Quantum Systems and Applications, MSQS 2012.

July 8-14, 2012. Benasque Center for Science "Pedro Pascual".

Deadline for abstract submission: May 10, 2012.
<http://benasque.org/2012msqs/>

20th International Symposium on Mathematical Theory of Networks and Systems.

July 9-13, 2012. Melbourne, Australia.
<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/>

XV Summer Diffiety School on Geometry of Partial Differential Equations and Secondary Calculus.

July 16-28, 2012. Gdynia, Poland.
<https://sites.google.com/site/levicivita/institute/Activities/DiffietySchools/xv-summer-diffiety-school>

Poisson 2012.

Summer School: July 23-27, 2012.
Conference: July 30-August 3, 2012.
Utrecht, The Netherlands.
Deadline for financial support: May 14, 2012.
Deadline for registration: June 15, 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

IV Latinoamerican and Caribbean Mathematics Congress.

August 6-10, 2012. Córdoba, Argentina.
<http://www.famaf.unc.edu.ar/clam2012/index.html>

XVII International Congress on Mathematical Physics.

August 6-11, 2012. Aalborg, Denmark.
<http://www.icmp12.com/>

17th International Summer School on Global Analysis and its Applications.

August 17-22, 2012. Levoca, Slovakia.
For more information contact: info@lepageri.eu,
olga.krupkova@biomania.cz, jan.brajercik@unipo.sk

21st International Symposium on Mathematical Programming (ISMP).

August 19-24, 2012. Berlin, Germany.
Early registration deadline: June 15, 2012.
<http://www.ismp2012.org/en>

Spectral Theory and Differential Equations.

August 20-24, 2012. Kharkiv, Ukraine.
<http://www.ilt.kharkov.ua/Marchenko2012/>

XXIX International Colloquium on Group-Theoretical Methods in Physics.

August 20-26, 2012. Chern Institute of Mathematics, Tianjin, China.
<http://www.cim.nankai.edu.cn/activites/conferences/hy20120820/index.htm>

International Summer School of Mathematics for Young Students.

August 20-30, 2012. Lyon, France.

<http://www.issmys.eu/>

4th IFAC workshop on Lagrangian and Hamiltonian methods for nonlinear control.

August 29-31, 2012. Bertinoro, Italy.

www.lhmnlc12.deis.unibo.it

Quantum Integrable Systems and Geometry.

September 3-7, 2012. Olhao, Portugal.

Registration deadline: June 15, 2012.

<http://www.fctec.ualg.pt/qisg>

International Conference on Differential-Difference Equations and Special Functions.

September 3-7, 2012. Patras, Greece

<http://www.icddesf.upatras.gr/>

1st International Eurasian Conference on Mathematical Sciences and Applications (ICEMSA).

September 3-7, 2012. Prishtine, Kosovo.

<http://www.iecmsa.org/en/>

8th Workshop Algebra Geometry Mathematical Physics.

September 12-14, 2012. Brno, Czech Republic.

<http://www.agmp.eu/brno12/>

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.

<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.

<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

Intensive Program: Control of Complex Quantum Systems.

January 7-March 28, 2013. Santa Barbara, USA.

<http://www.kitp.ucsb.edu/activities/dbdetails?acro=qcontrol13>

New directions in the Quantum Control Landscape.

February 25-March 1, 2013. Santa Barbara, USA.

Application deadline: October 1, 2012.

<http://www.kitp.ucsb.edu/activities/dbdetails?acro=qcontrol-c13>

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.

Deadline 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