



## Geometry, Mechanics and Control Network Infosheet

June 2012

Editors: *María Barbero and Silvia Vilariño*

### Contents

#### Network's activities.

6<sup>th</sup> Summer School on Geometry, Mechanics and Control.

#### Job offers, fellowships and awards

PhD offers

Postdoctoral offers

Offers for visiting and senior researchers

Awards

Financial support for research projects and conferences

#### Interesting news and publications

Network's and its collaborators' preprints.

#### Other conferences

Focus Program on Geometry, Mechanics and Dynamics, the Legacy of Jerry Marsden. July 2012.

Poisson 2012, XXIFWGP 2012

# GMC Network Infosheet

June 2012

## Network's activities

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

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

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

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

### **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:**

- **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>

### **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

### Undergraduate research offers

### **CRM call to attract the interest of young students to research in mathematics.**

The CRM hosts, for stays of 2 months, young undergraduate or master students to develop a formative stage in some of the CRM research groups, and eventually complete an introductory research work. Preferably applicants must have completed the third year of a mathematics degree or be pursuing a

master in the field of mathematics.

**Closing date: July 15, 2012.**

<http://www.crm.cat/en/ResearchTraining/Pages/CRMI3MRProgram.aspx>

**CRM master grants, Barcelona, Spain.**

**Deadline: July 20, 2012.**

<http://www.crm.cat/ca/Pagines/DetailCrida.aspx?ItemID=8>

## **Ph D offers**

---

### **PhD Student.**

Department of Mathematical Sciences.  
Brunel University, UK.

**Closing date: June 20, 2012**

<http://www.jobs.ac.uk/job/AEN155/phd-studentship/>

### **UC3M PhD Fellowships in Madrid, Spain.**

Universidad Carlos III de Madrid, Spain.

**Closing date: June 28, 2012.**

[http://www.uc3m.es/portal/page/portal/inicio/universidad/empleo\\_universidad/personal\\_docente\\_e\\_investigador/pdi\\_investigadores\\_formacion](http://www.uc3m.es/portal/page/portal/inicio/universidad/empleo_universidad/personal_docente_e_investigador/pdi_investigadores_formacion)

### **Ph.D Fellowships in Portugal.**

Ministry of Education and Science, Portugal.

**Closing date: July 3, 2012 (5pm, Lisbon time).**

<http://www.fct.pt/apoios/bolsas/concursos/individuais2012>

### **CRM call to support mathematical research in developing countries.**

The CRM will host, for stays ranging between 1 and 3 months, young researchers wishing to participate in a research program of the CRM, or temporarily joining a research group of the CRM or of another Catalan institution.

Requirements: to be ready to obtain the PhD in the next two years.

**Closing date: July 15, 2012.**

<http://www.crm.cat/en/VisitingTheCRM/Pages/DevMathCRMprogram.aspx>

### **CRM Ph.D. fellowships, Barcelona, Spain.**

**Deadline: July 20, 2012.**

<http://www.crm.cat/ca/Pagines/DetailCrida.aspx?ItemID=8>

### **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>

### **OCCAM Visiting Doctoral Studentship.**

Mathematics Institute in Oxford University, UK.

**Closing date: September 14, 2012.**

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

### **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.bcamath.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=19061&LID=754>

[JID=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>

**5 PHD Positions-Mathematics Inspired by String Theory and QFT.**

University of Hamburg, German.

[http://www.verwaltung.uni-hamburg.de/stellenangebote/wissmit/Mathematics\\_SF B676.pdf](http://www.verwaltung.uni-hamburg.de/stellenangebote/wissmit/Mathematics_SF B676.pdf)

---

**Postdoctoral fellowships**

**Postdoctoral research associate in Theoretical Physics.**

Department of Applied Mathematics and Theoretical Physics.

University of Cambridge, UK.

Closing date: June 22, 2012.

<http://www.jobs.ac.uk/job/AEM641/post-doctoral-research-associate-in-theoretical-physics/>

**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>

**Postdoctoral fellowships in Portugal.**

Ministry of Education and Science, Portugal.

Closing date: July 3, 2012 (5pm, Lisbon time).

<http://www.fct.pt/apoios/bolsas/concursos/individuais2012>

**CRM call to support mathematical research in developing countries.**

The CRM will host, for stays ranging between 1 and 3 months, young researchers wishing to participate in a research program of the CRM, or temporarily joining a research group of the CRM or of another Catalan institution.

Requirements: to have obtained the Ph Degree in the last three years.

Closing date: July 15, 2012.

<http://www.crm.cat/en/VisitingTheCRM/Pages/DevMathCRMprogram.aspx>

**2011 CNPq-TWAS Fellowships Programme. Postdoctoral fellowships.**

CNPq-TWAS Postdoctoral Fellowships are tenable at research institutions in Brazil for a minimum period of 6 months to a maximum period of 12 months. They are awarded to scientists from developing countries (other than Brazil) to enable them to pursue postdoctoral research in the natural sciences.

Deadline: July 29, 2011

<http://www.cnpq.br/editais/ct/2011/twas.htm>

**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 1<sup>st</sup>, 2012 and July 31<sup>st</sup>, 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**

Deadline: 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/p\\_eople;efp7\\_SESSION\\_ID=5PGvPm4CnmZh4npNIQ5DZntCHVHkW1D7PnJk40jkn4JKcvLsqML6!1086760178](http://ec.europa.eu/research/participants/portal/page/p_eople;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>

### **OCCAM Postdoctoral Research Assistants.**

Mathematics Institute in Oxford University, UK.

**Closing date: September 14, 2012.**

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

### **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](http://homepages.laas.fr/henrion/#_blank)

### **Postdoc Positions in Applied Mathematics.**

Basque Center for Applied Mathematics, Spain.

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

## ***Offers for visiting and senior researcher***

---

### **Professor Position in Mathematics.**

Centro Universitario de la Defensa, Zaragoza, Spain.

**Only requirement: To have a 5-years degree (Licenciado, Ingeniero, Arquitecto).**

**Closing date: June 25, 2012.**

<http://cud.unizar.es/tablon/tablon>

### **Professor and students mobility in masters between French and Spanish universities.**

**Closing date: June 29, 2012.**

<http://www.educacion.gob.es/horizontales/servicios/becas-ayudas-subsenciones/movilidad/de-profesores/universitarios/master-francesa-espanola.html>

### **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>

### **Lecturer in Pure Mathematics.**

School of Mathematics.

University of Manchester, UK.

**Closing date: July 4, 2012.**

<http://www.jobs.ac.uk/job/AEN260/lecturer-in-pure-mathematics/>

### **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.bcmath.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](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>

#### **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

### **Awards**

---

#### **Fundación BBVA Award: " Fronteras del Conocimiento".**

**Deadline: June 30, 2012.**

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

#### **European Latsis Prize 2012. Invitation to Nominate Candidates.**

### **Financial support for research projects and conferences**

---

#### **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>

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](mailto: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/>

#### **Visiting Lecturer in Physics.**

Department of Physics.

Wellesley College, Wellesley, MA, USA.

**Deadline: Open until filled.**

[http://sciences.academickeys.com/seeker\\_job\\_display.php?dothis=display&job\[IDX\]=35580-SC120426b-6e&oid=798206](http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job[IDX]=35580-SC120426b-6e&oid=798206)

#### **Professor of Physics.**

Physical Sciences Division.

University of Chicago, USA.

**Deadline: open until filled.**

[https://academiccareers.uchicago.edu/applicants/jsp/s/hared/position/JobDetails\\_css.jsp?postingId=154990](https://academiccareers.uchicago.edu/applicants/jsp/s/hared/position/JobDetails_css.jsp?postingId=154990)

#### **Contract Lecturer in Mathematics and Physics.**

University of Alberta, Canada.

**Deadline: open until filled.**

<http://www.careers.ualberta.ca/competition.aspx?id=A105617321>

**Deadline: July 15, 2012.**

<http://www.esf.org/index.php?id=7784>

#### **"Ciencia en Acción" Competition**

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

#### **2014 CIMPA research schools call for projects.**

**Deadlines:**

**Complete proposal: October 1, 2012.**

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

## CRM CALL FOR RESEARCH PROGRAMMES

The Centre de Recerca Matemàtica (CRM) invites proposals for Research Programmes for the academic year 2014-2015.

**Deadline:**

October 26, 2012 for the preliminary proposal.

November 30, 2012 for the final proposal.

Guidelines and application instructions can be found at <http://www.crm.cat/en/Activities/Pages/GuidelinesResearchProgram.aspx>

## Interesting news and publications

---

### Online Encyclopaedia of Mathematics.

[http://www.encyclopediaofmath.org/index.php/Main\\_Page](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](mailto:mdeleon.dos@gmail.com)

### Journal of Geometric Mechanics (JGM)

Volume 4, Number 1, March 2012.

<http://aimsciences.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

---

M. Bauer, R. Chetrite, K. Ebrahimi-Fard, F. Patras: Time-ordering and a generalized Magnus expansion. [arXiv:1206.3990v1](http://arxiv.org/abs/1206.3990v1) [math-ph]

J. Llibre, D. Peralta-Salas: A Note on the First Integrals of Vector Fields with Integrating Factors. *SIGMA* **8** (2012), 035, 9 pages. [arXiv:1206.3005v1](http://arxiv.org/abs/1206.3005v1) [math.DS]

I. Androulidakis, M. Zambon: Holonomy transformations for singular foliations. [arXiv:1205.6008v1](http://arxiv.org/abs/1205.6008v1) [math.DG]

V. Guillemin, E. Miranda, A. R. Pires: Symplectic and Poisson geometry on b-manifolds. [arXiv:1206.2020v1](http://arxiv.org/abs/1206.2020v1) [math.SG]

## Network's collaborators preprints and papers

---

M. Seslija, A. van der Schaft, J. M. A. Scherpen: Reduction of Stokes-Dirac structures and gauge

symmetry in port-Hamiltonian systems. [arXiv:1206.3781v1](http://arxiv.org/abs/1206.3781v1) [math.DG]

## OTHER CONFERENCES

---

### 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/>

### 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/>

### 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. Białystok, Poland.

<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".

<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/levicivitaainstitute/Activities/DiffietySchools/xv-summer-diffiety-school>

**XXth Oporto Meeting on Geometry, Topology and Physics.**

July 19-22, 2012. Porto, Portugal.

<http://cmup.fc.up.pt/cmup/omgtp/2012/>

**Poisson 2012.**

Summer School: July 23-27, 2012.

Conference: July 30-August 3, 2012.

Utrecht, The Netherlands.

<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](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/>

**17<sup>th</sup> International Summer School on Global Analysis and its Applications.**

August 17-22, 2012. Levoca, Slovakia.

For more information contact: [info@lepageri.eu](mailto:info@lepageri.eu), [olga.krupkova@biomania.cz](mailto:olga.krupkova@biomania.cz), [jan.brajercik@unipo.sk](mailto:jan.brajercik@unipo.sk)

**21<sup>st</sup> International Symposium on Mathematical Programming (ISMP).**

August 19-24, 2012. Berlin, Germany.

<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](http://www.lhmnlc12.deis.unibo.it)

**Quantum Integrable Systems and Geometry.**

September 3-7, 2012. Olhao, Portugal.

<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.**

September 3-7, 2012. Pristine, Kosovo.

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

**8<sup>th</sup> 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.

<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](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](http://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>