



Geometry, Mechanics and Control Network Infosheet

July 2012

Editors: María Barbero and Silvia Vilariño

Contents

Network's activities.

XXI IFWGP

3rd IMGMC

7th IYRWGMC

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

July 2012

Network's activities

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.

Registration deadline: August 20, 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.

SPEAKERS:

- Sina Ober-Blöbaum (University of Paderborn, Germany): *Discrete mechanics and optimal control theory.*

- Joris Vankerschaver (University of California, San Diego, USA): *An introduction to the geometry and physics of the Euler-Poincaré equations on the diffeomorphism group.*

- San Vu Gnoc (Université de Rennes 1, France): *Integrable systems.*

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

Job offers, fellowships and awards

Undergraduate research offers

CRM master grants, Barcelona, Spain.

Deadline: July 20, 2012.

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

Ph D offers

CRM Ph.D. fellowships, Barcelona, Spain.

Deadline: July 20, 2012.

<http://www.crm.cat/ca/Pagines/DetallCrida.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>

PhD Studentship in Mathematics- Dynamics of Networks of Coupled Oscillators.

Nonlinear and Complex Systems Research Group.
Department of Mathematics.
University of Portsmouth, England, UK.

Closing date: August 1, 2012.

<http://www.jobs.ac.uk/job/AET678/phd-studentship-in-mathematics/>

PhD Studentship in Mathematics- Nonlinear and Complex Systems.

Nonlinear and Complex Systems Research Group.
Department of Mathematics.
University of Portsmouth, England, UK.

Closing date: August 1, 2012.

<http://www.jobs.ac.uk/job/AET679/phd-studentship-in-mathematics/>

Fully-funded PhD Studentship: Computational Fluid Dynamics.

College of Engineering, Swansea University, UK.

Closing date: August 15, 2012.

<http://www.jobs.ac.uk/job/AEQ297/fully-funded-phd-studentship-computational-fluid-dynamics/>

PhD Studentship in Applied Mathematics- Fluid Dynamics.

Faculty of Engineering and Computing.
Coventry University, England, UK.

Closing date: September 1, 2012.

<http://www.jobs.ac.uk/job/AEU351/phd-studentship-in-applied-mathematics/>

Grants for short stays FPI 2012.

Deadline: September 12, 2012.

http://www.idi.mineco.gob.es/portal/site/MICINN/menuitem.dbc68b34d11ccb5d52ffeb801432ea0/?vgnextoid=5743eff5fa578310VgnVCM1000001d04140aRCRD&vgnnextchannel=8da5b9746e160210VgnVCM1000001034e20aRCRD&lang_chosen=es

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.bcmath.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>

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

Postdoctoral fellowships

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.

Closing date: July 29, 2011

<http://twas.ictp.it/prog/exchange/fells/fells-pdoc/bra-pdoc>

Research Assistants in Quantum Computation and Information Group.

School of Physics.

University of Bristol, England, UK.

Closing date: July 31, 2012 (9:00 am)

<http://www.bris.ac.uk/boris/jobs/ads?ID=110372>

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 Sevilla 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/p_eople;efp7_SESSION_ID=5PGvPm4CnmZh4npNIQ5DZntCHVHk1D7PnJk40jkn4JKcvLsqML6!1086760178

Two Lectureship in Mathematics/Financial Mathematics.

School of Mathematical Sciences.

University College Cork, Ireland.

Closing date: August 20, 2012.

<http://www.jobs.ac.uk/job/AEU031/two-lectureships-in->

Research Position in Mathematics.

Universitat Pompeu Fabra, Barcelona, Spain.

Position associated with the ERC Starting Grant "Image processing for enhanced cinematography"

<http://ec.europa.eu/euraxess/index.cfm/jobs/jobDetails/33798072>

[mathematics-financial-mathematics/](#)

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>

Post-Doctoral Research Fellowship- Five Years (Non-Renewable)

University of Oxford, UK.

Closing date: September 14, 2012.

<http://www.jobs.ac.uk/job/AET075/post-doctoral-research-fellowships-five-years-non-renewable/>

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

Lecturer (Management for Informatics or Mathematics) x 2

Department of Informatics or Mathematics.
King's College London, London, UK.
Deadline: July 25, 2012.
<http://www.jobs.ac.uk/job/AER918/lecturer-management-for-informatics-or-mathematics-x-2-posts/>

Reader/Senior Lecturer (Management for Informatics or Mathematics)

Department of Informatics or Mathematics.
King's College London, London, UK.
Deadline: July 25, 2012.
<http://www.jobs.ac.uk/job/AER888/reader-senior-lecturer-management-for-informatics-or-mathematics/>

Lecturer/Senior Lecturer in Applied Mathematics.

School of Mathematics and Statistics.
Faculty of Sciences
University of New South Wales, UK
Deadline: July 27, 2012.
<http://www.jobs.ac.uk/job/AEQ813/lecturer-senior-lecturer-in-applied-mathematics/>

Aid to invite speakers Fulbright.

Aid to Spanish institutions to invite American Fulbright lecturers for a maximum period of two weeks.
Deadline: 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 Lecturer/ Lecturer – Mathematics and Statistics.

School of Computing, Engineering and Information Sciences.
Northumbria University, UK.
Deadline: August 15, 2012.
<http://www.jobs.ac.uk/job/AES476/senior-lecturer-lecturer/>

Lecturer/Senior Lecturer in Mathematics.

School of Mathematical Sciences.
Faculty of Science,
Monash University, Australia.
Deadline: August 31, 2012 (11:55 pm Aus. Eastern Standard Time)
<http://jobs.monash.edu.au/jobDetails.asp?sJobIDs=502376>

Chair in Geometry.

Department of Mathematics.
King's College London, UK.
Closing date: August 31, 2012.
<http://www.jobs.ac.uk/job/AER035/chair-in-geometry/>

Lecturer in Geometry.

Department of Mathematics.
King's College London, UK.
Closing date: August 31, 2012.
<http://www.jobs.ac.uk/job/AER469/lecturer-in-geometry/>

Lecturer in Pure Mathematics.

School of Mathematics and Physics.
Queen's University Belfast, Northern Ireland.
Closing date: August 31, 2012.
<http://www.jobs.ac.uk/job/AES889/lecturer/>

Teaching Fellow in Applied Mathematics.

Department of Mathematics, Faculty of Natural Sciences.
Imperial College London, UK.
Closing date: August 31, 2012.
<http://www.jobs.ac.uk/job/AET431/teaching-fellow-in-applied-mathematics/c>

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>

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/>

Visiting the CRM

The CRM offers the possibility of hosting researchers wishing to stay at the Centre for a period normally ranging from one to six months, preferably having a research plan and a scientific connection with long-term CRM visitors or researchers based at a university in Catalonia. Researchers from Catalan universities can apply if they are free from teaching duties during the period of their stay at the CRM.

Visitors will be provided with office space and working facilities at the Centre, as well as house-finding assistance if necessary. Support for housing expenses can be requested, although the CRM can only assign an overall small amount of support to visits outside its Research Programmes.

Applications can be submitted at any time between 6 and 12 months before the start of the desired stay.

Visits should be carried out during the academic year (from September to July). A resolution will be given by the CRM no later than three months after submission of the application.

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

Research in Pairs in Barcelona. CRM

Application are welcome for stays at the CRM aiming to carry out collaborative research work of a small team of people, consisting of:

A principal investigator, staying at the CRM for a quarter or a semester.

One or two collaborators, staying at the CRM for at least one month.

Researchers from Catalan universities can apply as principal investigators if they are free from teaching duties during the period of their stay at the CRM.

Office space and working facilities will be provided by the CRM, as well as house-finding assistance if necessary. Support for housing expenses can be requested, and priority will be given to applications with a self-funded principal investigator.

Applications can be submitted at any time generally between 6 and 12 months before the start of the desired stay. **Visits should be carried out during the academic year (from September to July).** The resolution will be given by the CRM no later than three months after submission of the application.

<http://www.crm.cat/en/VisitingTheCRM/Pages/COLLABORATION-RESEARCH-STAYS.aspx>

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

Contract Lecturer in Mathematics and Physics.

University of Alberta, Canada.

Deadline: open until filled.

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

Mathematics/Physics Lecturer

University of Michigan - Shanghai Jiao Tong University Joint Institute, Shanghai, China.

Deadline: open until filled

[http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job\[IDX\]=37305-SC120705b-6e&oid=798206](http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job[IDX]=37305-SC120705b-6e&oid=798206)

Visiting Assistant Professor

Drexel University, Philadelphia, USA.

Deadline: open until filled

<http://www.postdocjobs.com/jobs/jobdetail.php?jobid=1102747>

Awards

2013 Ferran Sunyer i Balaquer Award.

Prize: 15000 Euros

Closing date: December 3, 2012.

<http://www.ffsb.cat/EN/>

<http://www.rsme.es/content/view/1097/73/>

"Ciencia en Acción" Competition

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

2012 "José Luis Rubio de Francia" Award.

Prize: 3000 Euros.

Closing date: December 31, 2012.

Financial support for research projects and conferences

Support for strategic research programmes to be carried out by excellence centres and institutions. Severo Ochoa 2012.

Deadline: August 6, 2012.

http://www.idi.mineco.gob.es/portal/site/MICINN/menuitem dbc68b34d11ccb5d52ffeb801432ea0?vgnextoid=beb939f1cb738310VgnVCM1000001d04140aRCRD&lang_chosen=en

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>

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>

2014 CIMPA research schools call for projects.

Interesting news and publications

Alberto Enciso has been awarded with Premio José Luis Rubio de Francia 2011.

<http://www.rsme.es/content/view/1088/1/>

Prizes awarded at the 6th European Congress of Mathematics in Krakow, Poland.

<http://www.euro-math-soc.eu/node/2815>

Journal of Geometric Mechanics is now included in the list of Journal Citation Report (JCR 2011) with an excellent impact factor: **0,812**.

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 4, Number 1, March 2012.

<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.Pelayo, A. R. Pires, T. S. Ratiu, S. Sabatini: Moduli spaces of toric manifolds.

[arXiv:1207.0092v1](http://arxiv.org/abs/1207.0092v1) [math.SG]

F. Schaetz, M. Zambon: Deformations of coisotropic submanifolds for fibrewise entire Poisson structures.

[arXiv:1207.1696v1](http://arxiv.org/abs/1207.1696v1) [math.SG]

Y. Lin, A. Pelayo: Log-concavity and symplectic flows.

[arXiv:1207.1335v1](http://arxiv.org/abs/1207.1335v1) [math.SG]

P. Antunes, J. M. Nunes da Costa: Nijenhuis and Compatible Tensors on Lie and Courant algebroids.
[arXiv:1207.1994v1](http://arxiv.org/abs/1207.1994v1) [math.DG]

A. Ballesteros, F. J. Herranz, F. Musso: The anisotropic Higgs oscillator on the two-dimensional sphere and the Hyperbolic plane.
[arXiv:1207.0071v1](http://arxiv.org/abs/1207.0071v1) [nlin.SI]

Network's collaborators preprints and papers

M. Fernández, A. Fino, V. Manero: G_2 -structures on Einstein solvmanifolds.
[arXiv:1207.3616v1](http://arxiv.org/abs/1207.3616v1) [math.DG]

J. Vankerschaver, H. Yoshimura, M. Leok: The Hamilton-Pontryagin Principle and Multi-Dirac Structures for Classical Field Theories.
[arXiv:1207.2814v2](http://arxiv.org/abs/1207.2814v2) [math-ph]

J. W. Simpson-Porco, F. Dörfler, F. Bullo: Droop-Controlled Inverters are Kuramoto Oscillators.
[arXiv:1206.5033v1](http://arxiv.org/abs/1206.5033v1) [math.OC]

F. Menous, F. Patras: Logarithmic Derivatives and Generalized Dynkin Operators.
[arXiv:1206.4990v1](http://arxiv.org/abs/1206.4990v1) [math.DS]

A. Weinstein: The Maslov cycle as a Legendre singularity and projection of a wavefront set.
[arXiv:1207.0408v1](http://arxiv.org/abs/1207.0408v1) [math.SG]

M. Crampin, T. Mestdag, D. J. Saunders: Hilbert forms for a Finsler metrizable projective class of sprays.
[arXiv:1206.7021v1](http://arxiv.org/abs/1206.7021v1) [math.DG]

OTHER CONFERENCES

Mathematical General Relativity.

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

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>

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

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.
<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.lhmlc12.deis.unibo.it

Quantum Integrable Systems and Geometry.

September 3-7, 2012. Olhao, Portugal.
<http://www.fctec.uaq.pt/qisg>

International Conference on Differential-Difference Equations and Special Functions.

September 3-7, 2012. Patras, Greece
<http://www.icddes.upatras.gr/>

1st International Eurasian Conference on Mathematical Sciences and Applications.

September 3-7, 2012. Prishtine, Kosovo.

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

Indo-Spanish conference on geometry and analysis.

September 10-14, 2012. Madrid, Spain.

The deadline to apply for invitation to the conference is July 31, 2012.

<http://www.icmat.es/congresos/isc2012/>

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.

<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 gmcnnet@ull.es