



Geometry, Mechanics and Control Network Infosheet

October 2011

Editors: María Barbero and Silvia Vilariño

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October 29-30, 2011.

EECI Graduate School on Control Program is available now.

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

GMC Network Infosheet

October 2011

NETWORK'S ACTIVITIES

Geometry of Mechanics, Field Theory and Control: a Workshop celebrating the 65th birthday of M. C. Muñoz-Lecanda
Technical University of Catalonia, Barcelona, Spain.
December 19-20, 2011.

Registration deadline: November 11, 2011.

Dinner registration deadline: December 2, 2011.

Details about registration are provided on the website:

<http://gmcnetwork.org/?q=node/618>

VI International Young Researchers Workshop on Geometry, Mechanics and Control.

Coimbra, Portugal.

January 10-13, 2012.

Speakers:

Tomoki Ohsawa (University of California, San Diego, USA): Hamilton-Jacobi theory.

Mario Sigalotti (INRIA, France): Quantum control.

Ivan Struchiner (Utrecht University, The Netherlands): Lie algebroids and groupoids.

Deadlines:

- Communication/poster abstract submission: November 10, 2011.

- Registration: December 10, 2011.

Details about registration are provided on the website:

<http://gmcnetwork.org/?q=activity-detail/610>

VI International Summer School on Geometry, Mechanics and Control.

Benasque, Huesca, Spain

July, 2012.

JOB OFFERS, FELLOWSHIPS AND AWARDS

Ph D offers

PhD in Numerical Simulation of Blood Flow.

School of Engineering.

University of Portsmouth, Hampshire, UK.

Closing date: October 26, 2011.

<http://www.jobs.ac.uk/job/ADI226/>

PhD Studentship- Dynamics of entangled branched polymers.

School of Mathematical and Physical Sciences.

University of Reading, UK.

Closing date: October 30, 2011.

<http://www.jobs.ac.uk/job/ADK059/>

PhD & Masters scholarships.

Joint Postgraduate Program in Mathematical Science of the National Autonomous University of Mexico (UNAM), Campus Morelia, and the Michoacan University of San Nicolas of Hidalgo.

Deadline: November 3, 2011.

Entrance exam: November 5, 2011..

<http://www.math-jobs.com/j.php?i=341>

BCAM International Call for Researchers. PhD Fellows.

Basque Center for Applied Mathematics, Spain.

Deadline for submissions; November 11, 2011.

http://www.bcamath.org/public_job/ctrl_job.php?accion=job

Postdoctoral fellowships

Research Fellow - Structure of partial difference equations with continuous symmetries and conservation laws.

Faculty of Mathematics and Physical Sciences.

University of Leeds, UK.

Closing date: October 31, 2011.

Interview date: November 14, 2011.

<http://www.jobs.ac.uk/job/ADI177/>

Postdoctoral fellowships by SADCO network (Sensitivity Analysis for Deterministic Controller Design).

Different locations in Europe: Paris, Louvain, Bayreuth, Padova, Rome, Porto, London.

Research topics: Control theory, stabilization and optimization of nonlinear systems, Hamilton-Jacobi theory, differential games, perturbed systems, numerical analysis.

Latest deadline: October 31, 2011.

<http://itn-sadco.inria.fr/available-positions>

Postdoctoral Researcher- Development of time/space fractional models in three spatial dimensions.

Oxford Centre for Collaborative Applied Mathematics.

University of Oxford, England, UK.

Closing date: November 7, 2011 (12:00 noon UK).

<http://www.jobs.ac.uk/job/ADI922/>

Nottingham Advance Research Fellowships 2012.

University of Nottingham, UK.

Applications are invited for the third year of the Nottingham Advance Research Fellowship competition. The Nottingham Advance Research Fellowships are funded by the University's Research and Knowledge Transfer Board and are targeted at exceptional postdoctoral researchers in any academic discipline represented at the University. In 2012, six Fellows will be recruited to start this two-year Fellowship programme. Each fellowship offers:

- Two years independent funding to conduct research while based at the University of Nottingham.
- Participation in a mentoring scheme and career development programme.

Subjects covered: All academic disciplines represented at the University of Nottingham, for instance Mathematical Sciences, Physics,...

Deadline: November 7, 2011 (5pm).

<http://www.jobs.ac.uk/job/ADG929/>

Research Fellow in Fluid Dynamic Systems.

School of Computing & Engineering.

University of Huddersfield, Queensgate, Huddersfield, West Yorkshire, UK.

Closing date: November 7, 2011.

Interview date: December 7, 2011.

<http://www.jobs.ac.uk/job/ADI674/>

Research Fellow - Dynamic complex Networks.

Department of Mathematics.

Faculty of Engineering and Physical Sciences.

University of Surrey, UK.

Closing date: November 10, 2011.

<http://www.jobs.ac.uk/job/ADI692/>

Research Associate- Computational Fluid Dynamics.

Department of Applied Mathematics and Theoretical Physics.

University of Cambridge, England, UK.

Closing date: November 10, 2011.

<http://www.jobs.ac.uk/job/ADJ595/>

Research Associate – Hyperbolic Dynamics and Noncommutative Geometry.

School of Mathematics.

University of Manchester, UK.

Closing date: November 11, 2011.

<http://www.jobs.ac.uk/job/ADJ692/>

BCAM International Call for Researchers. Postdoctoral Fellows.

Basque Center for Applied Mathematics, Spain.

Deadline for submissions; November 11, 2011.

http://www.bcamath.org/public_job/ctrl_job.php?accion=job

PostDoc Positions in all fields of Math.

Bonn University, Germany.

Closing date: November 20, 2011.

<http://www.math-jobs.com/j.php?i=128>

PostDoc Positions in all areas of Math.

Department of Mathematics.

ETH Zurich, Switzerland.

Closing date: November 21, 2011.

<http://www.math-jobs.com/j.php?i=406>

CRM Postdoctoral grant on Industrial Mathematics.

Centre de Recerca Matemàtica, Catalonia, Spain.

The Industrial Mathematics group at the CRM is seeking a Post- Doctoral Research Fellow to start work in early 2012. The group's current research interests include: heat and fluid flow; phase change; nanofluidics; thin film flow and blood pressure monitoring. In all cases there is a strong emphasis on modelling and the practical applications of the mathematics.

Closing date: November 25, 2011.

http://www.crm.cat/CALLS/Poster_Call_Industrial.pdf

Weierstrass Postdoctoral Fellowships Program.

The Weierstrass Institute for Applied Analysis and Stochastics (WIAS) offers postgraduate fellowships for 2011/2012. Their duration is 6 or 12 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: February 29, 2012.

More information:

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

Pegasus Fellowships in Flanders.

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

Grants for short postdoctoral research visits at IMUS. Call for 2012 applications.

Instituto de Matemáticas, University of Sevilla, Spain.

The goal of these grants is the establishment or development of research collaborations between young doctors from outside the University of Seville and University researchers in the field of Mathematics or its applications to other disciplines. In this edition, the stays will have a minimum consecutive duration of 1 month and maximum of 2 months. The stays will take place between January 1st, 2012 and July 31st, 2013.

Closing date: July 31, 2012.

<http://www.imus.us.es/images/stories/noticias/2012/est>

Offers for visiting and senior researcher

Hired PhD Professor – Applied Mathematics.

Department of Mathematics.

University of A Coruña, Spain.

Closing date: October 26, 2011.

More information (only Spanish):

http://www.udc.es/servizos/personal_docente_investigador/concursos/concursos_contratacion/11_1301_1309.html?language=en

Two lecturer or Senior Lecturer posts in the Thermofluids Division.

Department of Mechanical Engineering.

Faculty of Engineering.

Imperial College London, UK.

Closing date: October 26, 2011.

<http://www.jobs.ac.uk/job/ADI183/>

Lectureship in Pure Mathematics.

School of Mathematics.

University of East Anglia, Norwich, Norfolk, UK.

Closing date: October 28, 2011 (12.00 noon).

<http://www.jobs.ac.uk/job/ADE341/>

Assistant Professor in Applied and Computational Mathematics

[ancias-IMUS-2012-en.pdf](#)

Postdoc Position at LAAS-CNRS, Univ. Toulouse, France.

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

Interested candidates please send your detailed curriculum vitae to Didier Henrion,

<http://homepages.laas.fr/henrion>

More information:

http://homepages.laas.fr/henrion/#_blank

2 Postdoctoral Fellowships - Applied Mathematics and Computational Sciences.

Division of Mathematical and Computer Sciences and Engineering.

King Abdullah University of Science and Technology
Thuwal, Jeddah, Saudi Arabia.

Closing date: Open until filled.

[http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job\[IDX\]=30638-SC110902b-6e&oid=798206](http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job[IDX]=30638-SC110902b-6e&oid=798206)

Department of Mathematics.

Colorado State University, USA.

Closing date: October 30, 2011.

<http://www.mathjobs.org/jobs/jobs/2943>

Assistant Professor in Geometry & Topology Mathematics.

Department of Mathematics.

Colorado State University, USA.

Closing date: October 30, 2011.

<http://www.mathjobs.org/jobs/jobs/2944>

Assistant Professor of Mathematics.

Mathematics & Statistics.

Kennesaw State University, USA.

Closing date: October 31, 2011.

<http://www.mathjobs.org/jobs/jobs/3010>

Assistant Professor in Analysis, Control and Optimization of Complex Dynamical Systems.

IMT Institute for Advanced Studies, Lucca, Italy.

Closing date: October 31, 2011.

http://www.eurosciencejobs.com/job_display/8839/Assistant_Professor_in_Analysis_Control_and_Optimization

[n of Complex Dynamical Systems IMT Institute for Advanced Studies Lucca](#)

Lecturer in Quantum Information Theory.
School of Mathematics.
University of Bristol, England, UK.
Closing date: October 31, 2011.
<http://www.jobs.ac.uk/job/ADD484/>

2-Ternure track positions in Applied Mathematics.
North Dakota State University, USA.
Closing date: November 1, 2011.
<http://www.mathjobs.org/jobs/jobs/3030>

Ternure- track Professor of Mathematics.
Mathematics Department.
University of California, San Diego, USA.
Closing date: November 1, 2011.
<http://www.mathjobs.org/jobs/jobs/2991>

Lecturer / Reader in Dynamical Systems.
Department of Mathematics.
Faculty of Natural Sciences.
Imperial College London, UK.
Closing date: November 2, 2011.
<http://www.math-jobs.com/j.php?i=1427>

Associate Professors (Titular de Universidad)– Applied Mathematics.
Department of Mathematical Methods and Representation.
University of A Coruña, Spain.
Closing date: November 4, 2011.
http://www.boe.es/aeboe/consultas/bases_datos/doc.php?id=BOE-A-2011-16483

Professor of Mathematics.
Department of Mathematics.
Faculty of Engineering & Physical Sciences.
University of Surrey, UK.
Closing date: November 3, 2011.
<http://www.jobs.ac.uk/job/ADI094/>

Tenure Track position in Mathematics.
Queen's University, ON, Canada.
Closing date: November 5, 2011.
<http://www.mathjobs.org/jobs/jobs/3005>

Hired PhD Professor – Applied Mathematics.
Department of Applied Mathematics and Computation Sciences.
University of Cantabria, Spain.
Closing date: November 8, 2011.
More information (only Spanish):
<http://boc.cantabria.es/boces/verAnuncioAction.do?idAnuBlob=215365>

Assistant Professor in Mathematics.
University of Toronto, Canada.
Closing date: November 10, 2011.
<http://www.mathjobs.org/jobs/jobs/3050>

BCAM International Call for Senior Researchers.
Basque Center for Applied Mathematics, Spain.
Deadline for submissions; November 11, 2011.
http://www.bcamath.org/public_job/ctrl_job.php?accion

[=job](#)

Lecturer/Reader/Chair in Dynamical Systems.
Department of Mathematics.
Imperial College London, UK.
Closing date: November 16, 2011.
<http://www.jobs.ac.uk/job/ADJ123/lecturer-reader-chair-in-dynamical-systems/>

Professor of Mathematics.
John Cabot University, Rome, Italy.
Closing date: November 15, 2011.
<http://www.jobs.ac.uk/job/ADH204/professor-of-mathematics/>

Full Professor in Applied Mathematics.
Institute of Mathematics.
University of Neuchâtel, Switzerland.
Closing date: November 15, 2011.
<http://www.euro-math-soc.eu/node/1693>

Lecturer/Senior Lecturer in Physical Science.
Department of Applied Sciences.
University of the West of England, Bristol, UK.
Closing date: November 16, 2011.
<http://www.jobs.ac.uk/job/ADK240/>

Lecturer/Senior Lecturer in Mathematics (2 positions).
School of Mathematics and Physics.
University of Queensland, Brisbane, Australia.
Closing date: November 17, 2011.
<http://www.euro-math-soc.eu/node/2240>

Lecturer in Mathematics.
Mathematics and Physics Centre.
Xi'an Jianotong- Liverpool University, China.
Closing date: November 18, 2011.
<http://www.jobs.ac.uk/job/ADK034/>

CRM: Luis Santaló Visiting Position.
In memory of Luis Santaló, the CRM has created a visiting position bearing his name, specifically addressed to senior mathematical researchers affiliated to Latin American institutions, with the following characteristics:
- The position is offered for a stay of one to three months within the periods April to July 2012 or September to December 2012.
- The position includes free lodging, medical coverage and a monthly allowance of 1.500 Euros.
Deadline for applications: November 18, 2011.
http://www.crm.es/calls/Santaló_guidelines.htm

Tenure Track Assistant Professor Control, Manufacturing and Networked Systems.
Faculty of Mathematics and Natural Sciences.
University of Groningen, Netherlands.
Closing date: November 25, 2011.
<http://jobs.ac.uk/job/ADG019/>

Lecturer in Geometry.
Department of Mathematics.
School of Natural and Mathematical Sciences.
King's College London, London, UK.
Closing date: November 27, 2011.
<http://www.jobs.ac.uk/job/ADK047/>

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

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

Call for a programme of short Mathematical visits.
International Center for Pure and Applied Mathematics, France.
This programme is designed for mathematicians residing in a [developing country](#) and having received their PhD within the last four years when applying or expecting to obtain it in the next two years. Those coming from [newly industrialized countries as of 2011](#) (follow the link for the precise list) will be considered for partial support.

Each candidate should have a concrete and precise project involving a mathematician working in France and including a visit (one to four weeks in 2012) at one or several CARMIN institutions ([IHP](#), [IHÉS](#), [CIRM](#) and/or [Laboratoire Dieudonné in Nice](#)). The project must be closely related to one of their activities. Part of the time can be spent at other centres in CIMPA supporting States: France, Norway, Spain or Switzerland. In case a candidate has other sources of funding for living expenses longer visits can be considered.

The grant will be for partial or complete coverage of travel expenses and/or living expenses.

Application Deadline: end of November.
<http://www.cimpa-icpam.org/spip.php?article456>

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

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

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

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

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

Visiting Research at IMI. Call 2011.
Instituto de Matemática Interdisciplinar.
Universidad Complutense de Madrid, Spain.
This call aims to enhance cooperation between IMI researchers and high level researchers and promising young students carrying out their activity in other scientific institutions, in Spain or abroad. During their stays, visitors will collaborate with host IMI Program activities. The following modalities will be considered:

- Senior Visiting Researchers
- Postdoctoral stays
- Predoc Internships
- Exploratory meetings

The call will be open permanently. Evaluation and awarding is expected to be made on a monthly basis.

More information:
http://www.mat.ucm.es/IMI/ProgramaVisitantesIMI2011/Call_IMIVisitingResearchers_2011.pdf

Call for Visiting Professors at CIRM. Fondazione Bruno Kessler.
CIRM Visiting Scholars will perform mathematical research in cooperation with scientists and researchers of Trento University or, more generally, of the Trento area, holding some research seminars; CIRM Visiting Professors will hold short Ph.D. courses, or 'Summer Courses', or series of seminars. It is foreseen that the selection process for Visiting Professors-Scholars take place through either

- individual application, or
- Invitation by a professor of Trento University or by a member of the Advisory Board.

<http://cirm.fbk.eu/en/Visiting+Professors>

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

Faculty Position – Mathematics.

Department of Mathematics.
Milwaukee School of Engineering
Milwaukee, WI, USA.

Closing date: Fall 2012.

[http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job\[IDX\]=32603-SC111024b-8e&oid=798206](http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job[IDX]=32603-SC111024b-8e&oid=798206)

Awards

Ramanujan Prize for Young Mathematicians from Developing Countries.

Deadline: October 30, 2011.

<http://prizes.ictp.it/prizes/Ramanujan/>

Call for Nominations of Candidates for Ten EMS prizes.

Prize: 5000 Euros

Deadline: November 1, 2011.

http://www.euro-math-soc.eu/ems_prizes.html

The Ferran Sunyer i Balaguer Prize 2012.

Prize: 15.000 Euros

Monographs submissions should be sent before December 2, 2011.

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

Felix Klein Award 2012

Prize: 5000 Euros

Deadline: December 31, 2011.

http://www.euro-math-soc.eu/felix_klein_prize.html

Otto Neugebauer Prize

Prize: 5000 Euros

Deadline: December 31, 2011.

http://euro-math-soc.eu/otto_neugebauer_prize.html

Award José Luis Rubio de Francia 2011

Prize: 3000 Euros

Closing date: December 31, 2011.

<http://www.rsme.es/content/view/816/73/>

“Ciencia en Acción” Competition

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

Financial support for research projects and conferences

Planet earth (MPE2013)

<http://www.mpe2013.org>

Deadline: November 18, 2011.

Call for CRM Research programmes.

The CRM in Barcelona invites proposals for Research Programmes during the academic year 2013-2014 in any branch of mathematics and its applications.

http://www.crm.cat/CALLS/CALLS_RESEARCH_PROGRAMS/Call_Research_Program_1314.htm

Deadline: December 12, 2011.

National R & D Internationalisation Program.

This program includes several sub programmes: EUROINVESTIGACIÓN (EUROCORES and YIP projects), international projects, promoting international scientific cooperation, specialisation in International Organisations, actions relating to international

scientific infrastructures.

Deadline depending on the subprogramme.

http://www.micinn.es/portal/site/MICINN/menuitem.d20caeda35a0c5dc7c68b11001432ea0/?vgnnextoid=71f256bc1aea0210VgnVCM1000001034e20aRCRD&lang_c hoosen=en

Initial Training Networks (ITN)

Deadline: January 12, 2012.

<http://ec.europa.eu/research/participants/portal/appmanager/participants/portal>

International Research Staff Exchange Scheme (IRSES)

Deadline: January 18, 2012.

<http://ec.europa.eu/research/participants/portal/appmanager/participants/portal>

INTERESTING NEWS AND PUBLICATIONS

[Institute for the Mathematical Sciences, ICMAT \(CSIC-UAM-UC3M-UCM\)](http://www.icmat.csic-spain.com), in Madrid (Spain) obtains the Severo Ochoa award for Excellence in Spain. GMC network sincerely congratulates its members at ICMAT.

International Mathematical Union Newsletter.

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

The IRSES Network 'GEOMECH'.

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

Ghent University. It includes partners from Argentina, Belgium, Czech Republic, Japan, Spain and the USA and it aims to facilitate research exchange visits between these partners. More information on the network can be found on the website <http://www.geomechnetwork.ugent.be/> the website will also serve as the forum where the network's activities and outcomes will be disseminated.

Mathematics in Europe

<http://www.mathematics-in-europe.eu/>

Matemáticas y sus fronteras

<http://weblogs.madrimasd.org/matematicas/>

Those interested in publishing something, contact with

Manuel de León mdeleon.dos@gmail.com

Journal of Geometric Mechanics (JGM)

Volume: 3, Number: 2 June 2011

<http://aims sciences.org/journals/contentsListnew.jsp?pubID=453>

Free access to Ph.D. dissertations all

Network's members preprints and papers

Melvin Leok, Tomoki Ohsawa, Diana Sosa: Hamilton-Jacobi Theory for Degenerate Lagrangian Systems with Holonomic and Nonholonomic Constraints.
arXiv:1109.6056v1 [math-ph]

Narciso Román-Roy, Modesto Salgado, Silvia Vilarino: SOPDEs and Nonlinear Connections.
arXiv:1109.5830v1 [math-ph]

J.F. Cariñena, J. de Lucas, C. Sardón: A new Lie systems approach to second-order Riccati equations.
arXiv:1110.3298v1 [math-ph]

Network's collaborators preprints and papers

Fangxu Jing, Eva Kanso, Paul K. Newton: Insights into vortex merger using the core growth model.
arXiv:1110.0237v1 [physics.flu-dyn]

around the world.
<http://www.ndltd.org/find>

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

Madeleine Jotz, Tudor Ratiu: Dirac structures, nonholonomic systems and reduction.
arXiv:0806.1261[math.DG]

Cédric M. Campos, E. Guzmán, J. C. Marrero: Classical field theories of first order and lagrangian submanifolds of premultisymplectic manifolds.
arXiv:1110.4778v1 [math.DG]

OTHER CONFERENCES

Thematic Program on Discrete Geometry and Applications.

July-December 2011. Fields Institute, Toronto, ON, Canada.

<http://www.fields.utoronto.ca/programs/scientific/11-12/discretegeom/index.html>

Special Year on Symplectic Dynamics.

October 10, 2011-March 2012, Institute for Advanced Study, Princeton, USA.

<http://www.math.ias.edu/sp/symplectic-dynamics>

Workshop on Algebra Geometry Mathematical Physics.

October 24-26, 2011. Mulhouse, France.

<http://www.agmp.eu/mul11/>

SIAM Conference on Geometric and Physical Modelling (GD/SPM11).

October 24-27, 2011. Orlando, Florida, USA.

<http://www.siam.org/meetings/gdspm11/>

1st "Gone Fishing" meeting on Poisson geometry.

October 29-30, 2011. Mathematics Department of Washington University in St. Louis, MO, USA.

<http://www.math.wustl.edu/~xtang/gone-fishing>

Chern Centennial Conference.

October 30-November 5, 2011. Berkeley, CA, USA.

<http://www.nim.nankai.edu.cn/activites/conferences/Chern-Centennial-20111024/index.htm>

The hyperbolic and Riemannian geometry of surfaces and other manifolds. A conference in honor of Peter Buser.

October 31-November 4, 2011. Ascona, Switzerland.

<http://homeweb.unifr.ch/parlierh/pub/Buser/welcome.html>

VI International Conference on Non Associative Algebra and its Applications.

November 1-5, 2011. Zaragoza, Spain.

<http://iuma.unizar.es/~elduque/vinaaa/>

3rd International Conference on Operator Algebras and Applications.

November 1-5, 2011. Settat, Morocco.

<http://www.math.ist.utl.pt/~elharti/3rd/settat2011.htm>

International Workshop on Theoretical Aspects of the Discrete Time Quantum Walk.

November 7-10, 2011. Valencia, Spain.

http://ific.uv.es/~perez/DTQW_Valencia.html

Rencontre "Renormalisabilité en gravité quantique : aspects combinatoires, analytiques et géométriques"

November 22, 2011. Institut Henri Poincaré, Paris, France.

To register please send an e-mail to marie.fontanillas@lipn.univ-paris13.fr and Laurent.Poinsot@lipn.univ-paris13.fr

<http://www-lipn.univ-paris13.fr/~tanasa/IHP-nov->

[2011.html](#)

Encuentro de la Red Temática de Matemáticas en la Sociedad.

November 25-26, 2011. CRM, Barcelona, Spain.

<http://www.deic.uab.cat/JMatSI2011/index.html>

EUYAM 2011: Geometric Analysis and Partial Differential Equations.

November 28-30, 2011. Granada, Spain.

<http://www.ugr.es/~surfaces/workshop2011/>

EPSRC Workshop: Topics in Control.

November 30-December 2, 2011. Warwick, UK.

<http://www2.warwick.ac.uk/fac/sci/math/research/events/2011-2012/tic/>

50th IEEE Conference on Decision and Control and European Control Conference.

December 12-15, 2011. Orlando, Florida.

<http://control.disp.uniroma2.it/cdcecc2011>

II Encuentro Conjunto RSME-SMM

January 17-20, 2012. Málaga, Spain.

<http://www.rsme.es/content/view/519/91/>

ECCI Graduate School on Control

February-May 2012. France, Turkey and Italy.

Deadline for advanced registration is Dec. 16, 2011.

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

2nd International Conference on Advances in Control and Optimization of Dynamical Systems.

February 16-18, 2012. Bangalore, India.

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

Isogeometric Analysis and Applications Workshop (IGAA 2012).

March 12-16, 2012. Linz, Austria.

Deadline for abstract submission: Jan. 15, 2012.

<http://www.ag.jku.at/2012igaa/>

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

July 2012. Fields Institute, Toronto, Canada.

<http://www.fields.utoronto.ca/programs/scientific/12-13/Marsden/index.html>

The 9th AIMS Conference on Dynamical Systems, Differential Equations and Applications.

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

<http://aimssciences.org/conferences/2012/index.html>

As in the previous edition there will be a special session on Geometric Mechanics, organized by Frans Cantrijn, Manuel de Leon and Tom Mestdag. This session has a double goal: to promote the AIMS [Journal of Geometric Mechanics](#) by bringing together excellent researchers in the field and to provide a scientific platform for the international partners within the 'Geometric Mechanics' network (a network within Marie Curie's International Research Staff Exchange Scheme (IRSES) in the 7th European Framework Program). Anyone interested in participating in the session is cordially invited to register and to submit an abstract to session ss24 at the [webpage](#) of the conference, before March 15, 2012.

Workshop on geometric structures on manifolds and their applications.

July 1-7, 2012. Near Marburg, Germany.

<http://www.mathematik.uni-marburg.de/~agricola/rausch2012/>

6th European Congress of Mathematics.

July, 2-7, 2012. Krakow. Poland

<http://www.6ecm.pl/en/home>

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