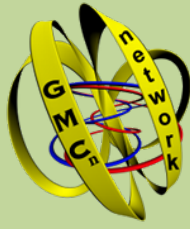


GMC Network Infosheet

September 2013



Geometry, Mechanics and Control Network Infosheet

September 2013

Editors: Javier de Lucas
and Silvia Vilarino

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8th IYRWGMC

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Network's activities

Course: Normal forms and adiabatic invariants.

Speaker: José Antonio Vallejo (Universidad de San Luis Potosi, Mexico)

Faculty of Mathematics and Statistics (FME),

Universitat Politècnica de Catalunya – Barcelona Tech (UPC).

7-9 October 2013..

<https://sites.google.com/site/seminariteendegeometria/>.

8th International Young Researchers Workshop on Geometry, Mechanics and Control.

Technical University of Catalonia, Barcelona, Spain. December 11-13, 2013.

Speakers:

- C. ARIAS ABAD (Universität Zürich, Germany). *Symplectic geometry of the moduli space of flat connections.*
- P. BADER (Universidad Politécnica de Valencia, Spain). *Geometric integrators with applications to optimal control problems.*
- F. X. VIALARD (Université Paris-Dauphine, France). *Applications of geometric mechanics to computational anatomy.*

<http://gmcnetwork.org/?q=activity-detail/1027>.

deLeónfest 2013.

ICMAT, Madrid, Spain. December 16-19, 2013.

<http://www.icmat.es/deLeonfest/>.

Job offers, fellowships and awards

Ph.D. offers

Grants for short stays of Ph.D. students.

Sustainability and Innovation..

Spanish Government.

Closing date: September 24, 2013.

http://www.idi.mineco.gob.es/portal/site/MICINN/menuitem.dbc68b34d11ccbd5d52ffeb801432ea0/?vgnnextoid=303d71d255dcf310VgnVCM1000001d04140aRCRD&vgnnextchannel=ef445656ecfee310VgnVCM1000001d04140aRCRD&lang_chosen=en

PhD Research Project.

School of Engineering, Centre for Engineering Dynamics.

University of Liverpool, Uk.

Closing date: September 25, 2013.

<http://www.findaphd.com/search/ProjectDetails.aspx?PJID=40570&LID=812>

Ph.D. Student in Mathematics.

University of Luxembourg.

Luxembourg.

The University of Luxembourg has the following vacancy in the Mathematics Research Unit (research group of Prof. Norbert Poncin) of its Faculty of Sciences, Technology and Communication: Assistant (Ph.D. student) in Mathematics (M/F) (Reference: F1-070051).

Closing date: September 30, 2013.

http://wwen.uni.lu/recherche/fstc/mathematics_research_unit/people/norbert-poncin

Ph. D. Opportunities in Fluid Mechanics.

Department of Civil and Environmental Engineering.

Imperial College London, London, UK..

Closing date: October 6, 2013.

<http://www.jobs.ac.uk/job/AHG849/>

PhD Studentship in Structural Mechanics.

Faculty of Engineering, Science and the Built Environment.

London South Bank University, London, UK.

Closing date: Applications will be accepted at any time until the position is filled.

<http://www.jobs.ac.uk/job/AGZ344/>

Ph.D. Studentship in Geometry of Jets and Field Theory.

Institute of Mathematics (IMPAN).

Polish Academy of Sciences, Warsaw, Poland.

We are looking for PhD students in mathematics and/or mathematical physics (also graduate students willing to start their PhD soon) interested in scientific work within the project "Geometry of Jets and Field theories" performed under the Polish National Science Centre grant MAESTRO. The project aims at combining resources of the traditional differential geometry of gauge and jet bundles with functional analysis and recently developed methods, based on supergeometry and graded manifolds, AKSZ/BRST formalism, higher structures, and homotopy algebras, in order to develop a new geometrical framework for field theories of various types. A financial allowance (in addition to any scholarship obtained

by the candidate) is anticipated.

Closing date: any time.

<http://www.impan.pl/~jagrab/maestro-phd.pdf>

Ph.D. Fellowships in Nonlinear Dynamical Systems.

Institute of Mechanical Systems.

ETH Zürich.

http://georgehaller.com/Nonlinear_Dynamics_at_ETH.pdf

Student and Research Fellowships.

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

Berlin, Germany.

The International Mathematical Union, the Einstein Foundation Berlin and the Berlin Mathematical School invite applications from Ph.D. 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).

Closing date: At least six months before the desired starting date.

<http://www.math-berlin.de/efp/imu-esb>

Research Opportunities for Students in Applied Mathematics.

Basque Center for Applied Mathematics (BCAM).

Bilbao, Basque Country, Spain.

BCAM brings the opportunity for excellent international students to join a world-class interdisciplinary research center in Bilbao, Spain.

The applications for the internship positions may take a form of:

- Summer or one-semester stay,
- Master thesis
- Industrial project
- Part of Ph.D. thesis.

Closing date: any time.

<http://www.bcamath.org/en/research/internships>

Ph.D. 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>

Ph.D. 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>

Ph.D. 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>

Ph.D. Research Project: Quantum Discrete Systems and Integrability.

Department of Applied Mathematics.

Postdoctoral fellowships

Postdoctoral Fellowships.

Centro Internazionale per la Ricerca Matematica.
Trento, Italy.

Closing date: September 30, 2013.

<http://cirm.fbk.eu/postdoc-fellowships>

Research Associate.

Department of Mathematics.
Imperial College London, London, UK.

The position is to work with Professor Darryl D. Holm, funded by the European Research Council (ERC), and it involves the geometric mechanics of image registration and comparison of shapes. Particularly, it involves extensions of the Large Deformation Diffeomorphic Matching (LDM) methods for Computational Anatomy (CA) by using momentum maps and other ideas from geometric mechanics, as developed by J. E. Marsden, A. Weinstein and their students and collaborators. Some new directions involving stochastic processes and diffeomorphic maps may also be developed.

Closing date: October 15, 2013.

<http://www.jobs.ac.uk/job/AHH053/>

Postdoctoral Position in Warsaw.

Warsaw Center of Mathematics and Computer Science (WCMCS).

University of Leeds, UK.

Closing date: applications accepted all year round.

<http://www.findaphd.com/search/ProjectDetails.aspx?PJID=19072&LID=754>

Ph.D. 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>

Ph.D. 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>

Warsaw, Poland.

Closing date: October 15, 2013.

<http://wcmcs.edu.pl/node/41>

Postdoctoral positions in Mathematics, Applied Mathematics, Statistics.

Institute of Mathematics.
State University of Campinas, Brazil.

Closing date: October 18, 2013.

<http://www.euro-math-soc.eu/node/4079>

Leverhulme Research Fellowships.

The Leverhulme Trust.
London, UK.

The Leverhulme Trust is currently inviting applications for its 2014 Research Fellowships scheme. Leverhulme Research Fellowships enable experienced researchers whether employed in academia or as established independent researchers to undertake a programme of research on a topic of their choice.

Closing date: November 7, 2013.

<http://www.jobs.ac.uk/job/AHF294/>

Grants for short postdoctoral research visits at IMUS.

IMUS.
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. The stays will have a consecutive duration of 2 months, although longer periods could be considered on the basis of the proposed work plan. The stays will take place between September 1st, 2013 and July 31st, 2014.

Closing date: December 10, 2013.

<http://www.imus.us.es/images/stories/noticias/2013/estancias-IMUS-2013-en.pdf>

Postdoctoral Fellowships - Variational Problems in Physics, Economics and Geometry.

Fields Institute.

Toronto, Ontario, Canada.

Closing date: December 15, 2013.

<https://www.mathjobs.org/jobs/jobs/4310>

Postdoctoral Positions in Analysis in Erlangen.

Department of Mathematics.

University of Erlangen, Germany.

The positions will be devoted to research in Analysis, more specifically in Calculus of Variations

and PDE, under different points of view. Moreover, there is a broad flexibility regarding the starting date of the positions.

The candidates must send an application by email, containing the CV with a list of publications and of talks given. The starting date for the positions can be from Jan. 1st, 2013, but it is easily possible to discuss another date, if needed. Any request or information, as well as the applications, has to be sent by email to pratelli@math.fau.de.

Closing date: Any time.

<http://www.analysis.math.fau.de/staff-members/pratelli-aldo/prof-dr-aldo-pratelli/positions/post-doc-and-phd-positions.html>

Postdoctoral Position.

Department of Mathematics.

Baylor University, Texas, USA.

Closing date: Until position is filled.

<http://www.mathjobs.org/jobs/jobs/3886>

Riemann Fellowships to Mathematicians and Theoretical Physicists.

Riemann Center for Geometry and Physics.

Leibniz Universität Hannover, Germany.

Closing date: any time.

<http://riemanncenter.de/fellowships.html>

Offers for senior researchers

Full-time Academic vacancy in the Group of Science, Engineering & Technology.

Department of Mathematics, Faculty of Science.

KU Leuven, Belgium.

Closing date: September 30, 2013.

<http://icts.kuleuven.be/apps/jobsite/vacatures/52484362?lang=en>

Tenure-track or associate professor.

Department of Mathematics.

University of Trento, Italy.

Closing date: October 4, 2013.

<http://www.euro-math-soc.eu/node/4084>

Professorship (W3) in Differential Geometry.

Faculty of Mathematics and Natural Sciences.

University of Kiel, Germany.

Closing date: October 11, 2013.

<http://www.euro-math-soc.eu/node/4044>

Tenure-Track Assistant Professor.

Department of Mathematics.

Johns Hopkins University, Baltimore, Maryland, USA.

Closing date: October 15, 2013.

<https://www.mathjobs.org/jobs/jobs/4809>

Associate/Full Professor in Mathematics.

Department of Mathematics.

Johns Hopkins University, Baltimore, Maryland, USA.

Closing date: October 15, 2013.

<https://www.mathjobs.org/jobs/jobs/4808>

Tenure-track position in Mathematics.

Department of Mathematics.

Korea University, Seoul, Korea.

Closing date: October 16, 2013.

<http://www.euro-math-soc.eu/node/4076>

Professor Hamilton Institute.

Hamilton Institute.

National University of Ireland, Maynooth.

Closing date: November 4, 2013.

<http://www.jobs.ac.uk/job/AHA210/>

Assistant Professor in Mathematics.

Department of Mathematics.

American University of Beirut, Beirut, Lebanon.

Closing date: December 1, 2013.

<http://www.jobs.ac.uk/job/AHE661/>

Several Faculty Positions in Mathematics.

College of Mathematics.

Hunan University, China.

Closing date: December 31, 2013.

<https://www.mathjobs.org/jobs/jobs/3552>

Leverhulme Emeritus Fellowships.

The Leverhulme Trust.

London, UK.

The Leverhulme Trust is inviting applications for its 2014 Emeritus Fellowships scheme.

Leverhulme Emeritus Fellowships enable retired academics from UK institutions to complete a body of research for publication. Up to £22,000 is available for research costs directly related to the project.

Closing date: February 6, 2014.

<http://www.jobs.ac.uk/job/AHF305/>

Open position-Director of the Weierstrass Institute and Professorship (W3-S) in Applied Mathematics.

(Succession of Professor Dr. Jürgen Sprekels).

Weierstrass Institute for Applied Analysis and Stochastics, Berlin.

Closing date: April 1, 2014.

<http://www.wias-berlin.de/jobs/Ausschr-NFSprekels-eng111206.pdf>

Offers for visiting researchers

Abel Visiting Scholar Program.

The Niels Henrik Abel Board.

the International Mathematical Union.

The Niels Henrik Abel Board and the International Mathematical Union invite applications from mathematicians professionally based in developing countries to visit an international research collaborator for a period of one month. The period is extendable for up to three month in the case of matching support from the host institution. Up to three mathematicians per year will be supported.

The program is designed for post doctoral mathematicians in the early stages of their professional careers. It is designed to offer the opportunity for a “research sabbatical”, a necessary complement to teaching and other academic duties for mathematicians desiring to also sustain a viable

Mathematics Department Adjunct Faculty.

Mathematics Department.

Salt Lake Community College, Salt Lake County, UT, USA.

Closing date: Open until filled.

[http://sciences.academickeys.com/seeker_job_display.php?job\[IDX\]=44867](http://sciences.academickeys.com/seeker_job_display.php?job[IDX]=44867)

Assistant Professor in Applied Mathematics.

Department of Mathematical and Statistical Sciences.

University of Alberta, Canada.

Closing date: Open until filled.

http://www.mathstats.ualberta.ca/~media/University%20of%20Alberta/Faculties/Science/Departments/Math%20and%20Stat%20Sciences/Documents/GradStudentResources/Employment_Posting_3.pdf

Assistant Professor in Math Physics.

Department of Mathematical and Statistical Sciences.

University of Alberta, Canada.

Closing date: Open until filled.

http://www.mathstats.ualberta.ca/~media/University%20of%20Alberta/Faculties/Science/Departments/Math%20and%20Stat%20Sciences/Documents/GradStudentResources/Employment_Posting_2.pdf

research program.

Applicants must hold a PhD in Mathematics and be in the early stages of their professional careers. This means that the applicant should be under 40 years on July 1st 2013 and not yet of full professorial rank.

The maximum age may be increased by up to three years in the case of an individual with a broken career pattern. Applications from women mathematicians are strongly encouraged. The applicant should already have initiated research contact with the proposed international research partner. The collaboration should take place at the international partnering home institution.

Closing date: From July 1, 2013, until:

- August 1, 2013 for research visits starting December 1, 2013 and later.

- December 1, 2013 for research visits starting

April 1 2014 and later.

- April 1 2014 for research visits starting August 1, 2014 and later.

<http://www.mathunion.org/cdc/grants/abel-visiting-scholar-program/>

Call for Visiting Professors at CIRM.

Fondazione Bruno Kessler.

Trento University, Trento, Italy.

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.

Closing date: Applications may be sent at any time.

<http://cirm.fbk.eu/cirm-visiting-professors>

Research in Pairs Program: Centro Internazionale per la Ricerca Matematica.

Fondazione Bruno Kessler.

Trento University, Trento, Italy.

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.

Closing date: Applications may be sent at any time.

<http://cirm.fbk.eu/research-pairs>

Visiting the ICMAT.

ICMAT.

Madrid, Spain.

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.

Closing date: 2 months before the start of the desired stay.

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

Visiting the CRM.

Centre de Recerca Matemàtica.

Catalonia, Spain.

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. 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.

Closing date: applications can be submitted at any time between 6 and 12 months before the start of the desired stay.

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

Research in Pairs in Barcelona.

Centre de Recerca Matemàtica.

Catalonia, Spain.

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. Visits should be carried out during the academic year (from September to July).

Awards

ICIAM Prizes for 2015.

The ICIAM Prize Committee for 2015 now calls for nominations for the five ICIAM Prizes to be awarded at the 2015 Congress.

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

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

Closing date: October 31, 2013.

<http://www.iciam.org/Prizes/Prizes-CallforNominations2015.pdf>

Financial support for research projects and conferences

2015 CIMPA research schools call for projects.

The call of proposal for 2015 will begin in March 2013. If you want to know how to propose a research school project, go to the following web page: <http://www.cimpa-icpam.org/spip.php?rubrique35&lang=enandtheRoadmap>

Deadline: October 1, 2013.

<http://www.cimpa-icpam.org/spip.php?article151>

Call for 2015-2016 Research Programmes.

The CRM invites proposals for Research Pro-

grammes during the academic year 2015-2016 in any branch of mathematics and its applications. CRM Research Programmes consist of periods ranging between two to five months of intensive research in a given area of mathematics and its applications. Researchers from different institutions are brought together to work on open problems and to analyse the state and perspectives of their area.

Deadline: November 29, 2013 (preliminary submission by October 25, 2013.).

<http://www.crm.cat/en/Pages/DetailCrida.aspx?ItemID=7>

Interesting news and publications

Journal of Geometric Mechanics (JGM).

Volume 5, Number 2, June 2013.

<http://www.aims sciences.org/journals/contents/Listnew.jsp?pubID=610>

IMU-Net 60: International Mathematical Union Newsletter.

July 2013

<http://www.mathunion.org/imu-net/archive/2013/imu-net-060/>

ICMAT Newsletter.

Third number

<http://www.icmat.es/outreach/newsletter/num3>

2013 has been declared a special year for the Mathematics of Planet Earth.

Related activities are listed at: <http://mpe2013.org/>

Info website for Ph.D Students in Mathematics.

i-Math Consolider project (only in Spanish)

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

Online Encyclopedia of Mathematics.

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

Mathematics in Europe.

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

Matemáticas y sus fronteras.

Those interested in publishing something, contact with Manuel de León mdeleon.dos@gmail.com.

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

Free access to Ph.D. dissertations all around the world.

<http://www.ndltd.org/find>

Professional network for scientists.

<http://www.researchgate.net/>

Advice for New Ph.D. 's.

<http://www.ams.org/profession/career-info/new-phds/new-phds>

Courses online of Mathematics, Physics,....

Courses from 62 universities.

<https://www.coursera.org/courses?orderby=upcoming>

Network's members preprints and papers

F. Falceto, L. Ferro, A. Ibort and G. Marmo: *Reduction of Lie–Jordan algebras: Quantum.*
1309.4124[math-ph math.MP]

F. Falceto, L. Ferro, A. Ibort and G. Marmo: *Reduction of Lie–Jordan algebras: Classical.*
1309.4123[math-ph math.MP]

A. Ibort, V.I. Manko, G. Marmo, A. Simoni and C. Stornaiolo: *Groupoids and the tomographic picture of quantum mechanics.*
1309.2782[math-ph math.MP quant-ph]

L. Colombo, M. de León and P. Daniel Prieto-Martínez: *Geometric Hamilton–Jacobi theory for higher-order autonomous systems.*
1309.2166[math-ph math.MP]

V. Guillemin, E. Miranda, A. Rita Pires and G. Scott: *Toric actions on b-symplectic manifolds.*

1309.1897[math.SG]

M.J. Azimi, C. Laurent-Gengoux and J.M. Nunes da Costa: *Nijenhuis forms on L_∞ -algebras.*
1308.6119[math.DG]

A. Ibort and F. Lledó and J.M. Pérez-Pardo: *Self-adjoint extensions of the Laplace–Beltrami operator and unitaries at the boundary.*
1308.0527[math.SP math-ph math.FA math.MP]

A. Pelayo and S. Sabatini: *An integer optimization problem for non-Hamiltonian periodic flows.*
1307.6766[math.SG]

A. Pelayo, T.S. Ratiu, and S. Vũ Ngọc: *The affine invariant of generalized semitoric systems.*
1307.7516[math.SG math.GT]

Network's collaborators preprints and papers

P. Facchi, L. Ferro, G. Marmo and S. Pascazio: *Defining quantumness via the Jordan product.*
1309.4635[math-ph math.MP quant-ph]

H. Cendra and S. Capriotti: *Cartan algorithm and Dirac constraints for Griffiths variational problems.*
1309.4080[math-ph math.MP]

K. Han, V. Gayah, B. Piccoli, T.L. Friesz and T. Yao: *On the Continuum Approximation of the On-and-off Signal Control on Dynamic Traffic Networks.*
1309.3461[math.AP math.OC]

R. Mohanasubha, J.H. Sheeba, V.K. Chandrasekar and M. Senthilvelan: *A nonlocal connection between certain linear and nonlinear ordinary differential equations - Part II: Complex nonlinear oscillators.*
1309.3086[nlin.SI math-ph math.MP]

R. Mohanasubha, M.I. Sabiya Shakila and M. Senthilvelan: *On the linearization of isochronous centre of a modified Emden equation with linear external forcing.*

1309.3082[nlin.SI math-ph math.MP]

D. Bambusi, G. Cicogna, G. Gaeta and G. Marmo: *Normal Forms, symmetry, and linearization of dynamical systems.*
1309.2405[math-ph math.MP]

U. Boscain, Jean-Paul Gauthier, F. Rossi and M. Sigalotti: *Approximate controllability, exact controllability, and conical eigenvalue intersections for quantum mechanical systems.*
1309.1970[math-ph math.MP math.OC]

B. Clarke, D. Jakobson, N. Kamran, L. Silberman, J. Taylor and Y. Canzani: *Manifold of metrics with fixed volume form.*
1309.1348[math.DG math.PR]

N. Kahouadji, N. Kamran and K. Tenenblat: *Second-order equations and local isometric immersions of pseudo-spherical surfaces.*
1308.6545[math.DG]

M.J. Azimi, C. Laurent-Gengoux and J.M. Nunes da Costa: *Nijenhuis forms on L_∞ -algebras.*
1308.6119[math.DG]

A.J. Yucra Hanco, G.A. Lobos and V. Ramos Batista: *Explicit minimal Scherk saddle towers of arbitrary even genera in R^3* .
1308.5962[math.DG]

A.S. Cattaneo and P. Mnev: *Wave relations*.
1308.5592[math-ph math.AP math.AT math.DG math.MP math.SG]

N. Vishnu Priya, M. Senthilvelan and M. Lakshmanan: *Akhmediev breathers, Ma solitons and general breathers from rogue waves: A case study in Manakov system*.
1308.5565[nlin.PS math-ph math.MP nlin.SI]

Cheol-Hyun Cho, H. Hong and Siu-Cheong Lau: *Localized mirror functor for Lagrangian immersions, and homological mirror symmetry for $P^1_{a,b,c}$* .
1308.4651[math.SG math.AG]

F. Gay-Balmaz, D.D. Holm and T.S. Ratiu: *Integrable G-Strands on semisimple Lie groups*.
1308.3800[math-ph math.MP nlin.SI]

A. Dancer, F. Kirwan and A. Swann: *Twistor spaces for hyperkaehler implosions*.
1308.3196[math.SG math.DG]

W. Sarlet and G. Waeyaert: *Lifting geometric objects to the dual of the first jet bundle of a bundle fibred over R* .
1308.3086[math.DG math-ph math.MP]

F. Pasqualetti, S. Zampieri and F. Bullo: *Controllability Metrics and Algorithms for Complex Networks*.
1308.1201[cs.SY math.OC physics.data-an]

E. Mueller and M. Zhu and S. Karaman and E. Frazzoli: *Anytime computation algorithms for approach-evasion differential games*.
1308.1174[math.OC]

N. Aizawa, Y. Kimura and J. Segar: *Intertwining operators for l -conformal Galilei algebras and hierarchy of invariant equations*.
1308.0121[math-ph math.MP]

J. Avan and P.P. Kulish and G. Rollet: *Reflection matrices from Hadamard-type Temperley-Lieb R-matrices*.
1307.7608[math-ph hep-th math.MP math.QA nlin.SI]

A. Pelayo, T.S. Ratiu, and S. Vũ Ngọc: *The affine invariant of generalized semitoric systems*.
1307.7516[math.SG math.GT]

D. Lewis: *A soothing invisible hand: moderation potentials in optimal control*.
1307.7395[math.OC]

E. Celeghini, M.A. del Olmo and M.A. Velasco: *Jacobi polynomials and $SU(2,2)$* .
1307.7380[math-ph math.GR math.MP quant-ph]

V. Guillemin, A. Uribe and Z. Wang: *Canonical forms for perturbations of the harmonic oscillator*.
1307.7227[math.SP math-ph math.MP]

F. Brito and A. Gomes: *Energy of solenoidal vector fields on spherical domains*.
1307.6620[math.DG]

N. Aizawa, Z. Kuznetsova and F. Toppan: *Chiral and Real $N=2$ supersymmetric l -conformal Galilei algebras*.
1307.5259[hep-th math-ph math.MP]

L. Bates and J. Sniatycki: *An extension of the Dirac theory of constraints*.
1307.5127[math-ph math.MP]

Cheol-Hyun Cho and H. Hong: *Finite group actions on Lagrangian Floer theory*.
1307.4573[math.SG]

Other Conferences

International conference “Kolmogorov readings - VI. General control problems and their applications” (GCP - 2013).
October 7-11, 2013. Tambov, Rusia.
<http://www.tambovopu2013.narod.ru>

Differential Geometry and Global Analysis.

October 7-11, 2013. Leipzig, Germany.
<http://www.math.uni-leipzig.de/~rademacher/dgga13.html>

Fluid Mechanics, Hamiltonian Dynamics, and Numerical Aspects of Optimal Transportation.
October 14-18, 2013. Berkeley, California, USA.

<http://www.msri.org/web/msri/scientific/worksops/all-workshops/show/-/event/Wm9227>

Qdays in Barcelona.

October 16-18, 2013. Barcelona, Spain.

[http://www.crm.cat/en/Activities/Pages/ActivityFoldersAndPages/Curs\\$\\$\\$202013-2014/Qdays/QdaysinBarcelona.aspx](http://www.crm.cat/en/Activities/Pages/ActivityFoldersAndPages/Curs$$$202013-2014/Qdays/QdaysinBarcelona.aspx)

International Conference on Modeling, Simulation and Control 2013.

October 23-25, 2013. San Francisco Bay Area, California, USA.

<http://www.iaeng.org/WCECS2013/ICMSC2013.html>

SIAM Conference on Geometric and Physical Modeling (GD/SPM13).

November 11-14, 2013. Colorado, USA.

<http://www.siam.org/meetings/gdspm13/>

Symplectic Techniques in Dynamical Systems.

November 11-15, 2013. Madrid, Spain.

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

ICERM Workshop: Geometric Structures in Low-Dimensional Dynamics.

November 18-22, 2013. ICERM, Providence, Rhode Island.

<http://icerm.brown.edu/sp-f13-w3>

International Conference on Pure and Applied mathematics; ICPAM-LAE 2013.

November 26-28, 2013. Papua New Guinea.

<http://www.unitech.ac.pg>

Mathematical Control in Trieste 2013.

December 2-6, 2013. Trieste, Italy.

Deadline for registration: November 15, 2013.

<http://mct.lsis.org>

2ème école de géométrie.

December 8-14, 2013. Université Kasdi Merbah-Ouargla (Algérie).

<https://sites.google.com/site/mygeometries/>

2013 Taiwan International Conference on Geometry.

December 16-20, 2013. National Taiwan University, Taipei, Taiwan.

<http://www.math.ntu.edu.tw/~ctsdev/workshop/Default/index.php?WID=154>

International Conference on Recent Advances in Mathematics (ICRAM 2014).

January 20-23, 2014.

<http://www.icram2014.com/>

Introductory Workshop: tropical geometry in its complex and symplectic aspects.

January 20-24, 2014.

<http://cib.epfl.ch/PublicEvent.php?event=1004>

Symmetries, Differential Equations and Applications (SDEA - II).

January 27-30, 2014. Islamabad. Pakistan.

<http://sdea2.nust.edu.pk/>

2014 Spring International Conference on Advances in Physics (CAP-S).

April 16-18, 2014. Shanghai, China.

http://www.engii.org/scet2014/?utm_campaign=cap&utm_source=e_cp&utm_medium=e_cp_conf_sce_t_cpa_20130913

Sixth Iberoamerican congress on geometry.

May 20-22, 2014. New York, USA.

http://www.ams.org/meetings/calendar/2014_may_20-22_graduatecenternewyork.html

2014 American Control Conference.

June 4-6, 2014. Portland, USA.

<http://a2c2.org/conferences/acc2014/>

Symplectic aspects of tropical geometry.

June 16-20, 2014.

<http://cib.epfl.ch/PublicEvent.php?event=1006>

10th AIMS conference on Dynamical Systems, Differential Equations and Applications.

July 7-11, 2014. Madrid, Spain.

Deadlines:

Pre-registration: February 28, 2014.

Abstracts: February 28, 2014.

Travel grants (NSF): February 28, 2014

Banquet ticket: June 20, 2014..

<http://www.aims.org/conferences/2014/index.html>

10th International Conference on Clifford Algebras and their Applications in Mathematical Physics (ICCA10).

August 4-9, 2014. Tartu, Estonia.

<http://icca10.ut.ee/>

ICM 2014.

August 13-21, 2014. Seoul, Korea.

<http://www.mathunion.org/imu-net/archive/2013/imu-net-057/>

IHP Trimester. Geometry, Analysis and Dynamics on Sub-Riemannian Manifolds.

September-December 2014, France.

<http://www.cmap.polytechnique.fr/subriemannian/>

SIAM Conference on Applications of Dynamical Systems.

May 17-21, 2015. Snowbird, Utah, USA..

<http://www.siam.org/meetings/ds15/>

Connections for Women: Differential Geometry Workshop.

January 14-15, 2016. Berkeley, California, USA.

<http://www.msri.org/workshops/702>

7 European Congress of Mathematics.

July 18-22, 2016. Berlin, Germany.

<http://www.7ecm.de/>

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