

GMC Network Infosheet

November 2013



Geometry, Mechanics and Control Network Infosheet

November 2013

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CONTENTS

Network's activities

8th IYRWGMC

deLeónfest 2013

Job offers,
fellowships and
awards

Ph.D. Offers

Postdoctoral offers

Offers for senior
researchers
Offers for
visiting researchers

Awards

Financial support for
research projects and
conferences

Interesting news
and publications

Network's members
and collaborators
preprints and papers

Other conferences

Network's activities

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.*

Deadline: November 30, 2013.

<http://gmcnetwork.org/?q=activity-detail1/1027>

deLeónfest 2013.

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

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

IV Iberoamericam Meeting on Geometry, Mechanics and Control.

IMPA, Rio de Janeiro, Brasil.

April 7-11, 2014.

http://www.impa.br/opencms/pt/eventos/store/evento_1406.

8th ICMAT International Summer School on Geometry, Mechanics and Control.

La Cristalera, Miraflores de la Sierra, Madrid, Spain.

June 30-July 4, 2014.

Deadline:

- Applications for scholarship: April 30, 2014.
- Abstract submission for short talks/posters: April 30, 2014.
- Registration: June 1, 2014.
- Accommodation: June 1, 2014.

<http://gmcnetwork.org/?q=activity-detail1/1116>

Job offers, fellowships and awards

Ph.D. offers

Ph.D. Studentship in the area of Averaging in Symmetric Hamiltonian Systems.

Department of Mathematics.

University of Surrey, UK.

Closing date: November 29, 2013.

<http://www.jobs.ac.uk/job/AHN591/phd-studentship-in-the-area-of-averaging-in-symmetric-hamiltonian-systems/>

Master grants in Mathematics.

Universidad Carlos III de Madrid.

Madrid, Spain.

Closing date: December 4, 2013.

http://portal.uc3m.es/portal/page/portal/inicio/universidad/empleo_universidad/personal_docente_e_investigador/pdi_master_oficial

5 Ph.D. Studentships in Mathematics.

School of Mathematical & Physical Sciences.

University of Sussex, UK.

The University of Sussex invites applications for 5 PhD studentships available in the Department of Mathematics. Supervision is available in diverse topics in the following areas:

- Calculus of variations and geometric measure theory, Dr Filippo Cagnetti.
- Theory of partial differential equations and applications to mathematical fluid mechanics (two awards), Dr Masoumeh Dashti, Dr Gabriel Koch.
- Numerical Analysis with applications to evolutionary differential equations, Prof Charalabos Makridakis.
- Mathematical Physics, in particular the mathematics of Quantum Systems. Prof Michael Melgaard.

Closing date: December 30, 2013.

<http://www.jobs.ac.uk/job/AHN911/>

Ph.D. Opportunities.

Graduate School.

Institute of Science and Technology Austria, Austria.

Closing date: January 15, 2014.

<http://academicpositions.eu/ad/institute-of-science-and-technology-austria-ist/2013/phd-opportunities/25600/>

Ph.D. Opportunities in Mathematics of Planet Earth.

EPSRC Centre for Doctoral Training (CDT) in the Mathematics of Planet Earth (MPE).

Imperial College London and the University of Reading, London, UK.

We are seeking excellent candidates for 12 fully funded PhD positions, as part of the first cohort of the newly established EPSRC Centre for Doctoral Training (CDT) in the Mathematics of Planet Earth (MPE), jointly run by Imperial College London and the University of Reading.

Closing date: January 31, 2014.

<http://mpecdt.org/>

Ph.D. Mathematical Science.

School of Mathematics.

The University of Manchester, UK.

Closing date: There is no formal closing date, however, it is advisable to submit applications early.

<http://www.jobs.ac.uk/job/AHL957/phd-mathematical-science/>

EPSRC Ph.D. Studentship- Higher-order nonlinear PDEs of gradient flow type.

School of Mathematical & Physical Science.

University of Sussex, UK.

Closing date: Early application is advised because the studentship will be awarded as soon as a suitable candidate is found.

<http://www.jobs.ac.uk/job/AHN730/>

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 MAE-STRO. 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.

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>

Research Assistant in Mathematics.

Research group: Partial Differential Equations.
The Weierstrass Institute for Applied Analysis and Stochastics (WIAS), Germany.

Closing date: November 30, 2013.

<http://academicpositions.eu/ad/weierstrass-institute-for-applied-analysis-and-stochastics/2013/research-assistant-wias/25627/>

Postdoc Positions at ETH Zurich.

ETH Zurich, Switzerland.

The group led by Niklas Beisert and Matthias Gaberdiel at ETH Zurich invites applications for several postdoc positions in mathematical physics, starting in the autumn of 2014. The research interests include quantum field theory, quantum gravity, string theory, conformal field theory and integrability.

Closing date: December 1, 2013.

<http://www.itp.phys.ethz.ch/research/qftstrings/postdocs14>

Clifford Fellow in Mathematics.

Department of Mathematics.
University College London, UK.

Closing date: December 1, 2013.

<http://www.jobs.ac.uk/job/AHL789/>

Postdoc positions in Mathematics.

Department of Mathematical Sciences.
University of Copenhagen, Copenhagen, Denmark.

Closing date: December 1, 2013.

<http://www.math.ku.dk/english/about/jobs/postdoc2013/>

3 x Chapman Fellowships in Mathematics.

Department of Mathematics.
South Kensington Campus. Imperial College London. UK.

Closing date: December 2, 2013.

<http://www3.imperial.ac.uk/mathematics/about/vacancies>

Research Associate in Mathematics.

Department of Mathematics. Applied Mathematics and Mathematical Physics Section.
Imperial College London. South Kensington Campus.

Closing date: December 4, 2013.

<http://www.jobs.ac.uk/job/AH0100/>

Postdoctoral Research Fellowship in Geometry and Representation Theory.

Mathematical Institute.
University of Oxford, UK.

The areas of the grant are algebric geometry, representation theory or mathematical physics.

Closing date: December 6, 2013.

<http://www.jobs.ac.uk/job/AHM070/>

3 Postdoctoral Research Fellows at GSSI.

International Doctoral School GSSI - INFN.
L'Aquila, Italy.

Closing date: December 8, 2013.

<http://www.euro-math-soc.eu/node/4247>

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 1, 2013 and July 31, 2014.

Closing date: December 10, 2013.

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

Research Assistant/Associate in Nonlinear Vibration.

Department of Engineering.
University of Cambridge, UK.

Closing date: December 11, 2014.

<http://www.jobs.ac.uk/job/AHP215/>

Research Associate x 6.

Department of Applied Mathematics and Theoretical Physics.

University of Cambridge, UK.

Closing date: December 12, 2013.

<http://www.jobs.cam.ac.uk/job/2380/>

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 Fellow, Applied Mathematics and Sciences.

Department of Applied Mathematics and Sciences.

Khalifa University, Abu Dhabi, United Arab Emirates.

Closing date: January 11, 2013.

<http://www.jobs.ac.uk/job/AHQ108/>

One 2-years Postdoctoral Position.

Département de Mathématique.

Université Paris-Sud at Orsay, France.

Closing date: March 31, 2014.

http://www.math.u-psud.fr/~bismut/Web_page_of_Jean-Michel_Bismut/ERC_Grant_and_postdoc_position_files/PostdocBismut2014.pdf

Postdoctoral Position in control and estimation.

The Autonomous Systems, Control, and Optimization Laboratory (ASCO).

Johns Hopkins University, Baltimore, USA.

Closing date: Until it is filled.

<https://ascol.lcsr.jhu.edu/News>

Postdoctoral Research Associate in Physics.

Department of Physics.

Princeton University, New Jersey, USA.

Closing date: Open Until Filled.

https://jobs.princeton.edu/applicants/jsp/shared/position/JobDetails_css.jsp?postingId=198897

Offers for senior researchers

Full Professor (W3) Differential Geometry and Global Analysis.

Faculty of Mathematics and Natural Sciences II.

Humboldt-Universitaet zu Berlin, Germany.

Closing date: December 5, 2013.

<http://www.euro-math-soc.eu/node/4218>

Lecturer/Senior Lecturer/Reader in Maths.

School of Natural and Computing Sciences.

University of Aberdeen, Scotland, UK.

Closing date: December 11, 2013.

<http://www.jobs.ac.uk/job/AHQ145/>

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 January 1, 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>

Lecturer/ Senior Lecturer/Reader in Pure Applied Mathematics.

School of Natural and Computing Sciences.

University of Aberdeen, Scotland, UK.

Closing date: December 11, 2013.

<http://www.jobs.ac.uk/job/AHQ148/>

Several Faculty Positions in Mathematics.

College of Mathematics.

Hunan University, China.

Closing date: December 31, 2013.

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

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>

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/Docume>

[nts/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/Docume>
[nts/GradStudentResources/Employment_Posting_2.pdf](#)

Tenured/Tenure-Track positions in Mathematical Sciences.

Department of Mathematical Sciences.

University of Texas, Dallas, USA.

Closing date: until the positions are filled.

<http://www.euro-math-soc.eu/node/4164>

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 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 professional 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 pe-

riod 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).

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>

Awards

2014 Ferran Sunyer i Balguer Prize.

Prize: 15000 euros.

Closing date: December 2, 2013.

<http://ffsb.espais.iec.cat/en/the-ferran-sunyer-i-balguer-prize/>

2013 José Luis Rubio de Francia Award.

Prize: 3000 euros.

Closing date: December 31, 2013.

<http://www.rsme.es/content/view/1310/1/>

Financial support for research projects and conferences

Spanish National Programme for Institutional Reinforcement. Severo Ochoa centers 2013.

Subprogram: support for strategic research programmes to be carried out by excellence centres and institutions.

Deadline: December 2, 2013.

http://www.idi.mineco.gob.es/portal/site/MICI NN/menuitem.dbc68b34d11ccb5d52ffeb801432ea0/?vgnnextoid=5444de2007371410VgnVCM1000001d04140aRCRD&vgnnextchannel=f272de2007371410VgnVCM1000001d04140aRCRD&lang_chosen=en

Drafts Horizon 2020 Work Programme 2014-2015.

These papers are being made public just before the adoption process of the work programmes to provide potential participants with the currently expected main lines of the work programmes 2014-2015. They are working documents not yet endorsed by the Commission and their contents does not in any way prejudice the final decision of the Commission.

Deadline: To be established.

http://ec.europa.eu/research/horizon2020/index_en.cfm?pg=h2020-documents

Interesting news and publications

Journal of Geometric Mechanics (JGM).

Volume 5, Number 3, September 2013.

<http://www.aims sciences.org/journals/contents Listnew.jsp?pubID=629>

IMU-Net 61: International Mathematical Union Newsletter.

September 2013.

<http://www.mathunion.org/imu-net/archive/2013/imu-net-061/>

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>

Courses online of Mathematics, Physics,...

Courses from 62 universities.

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

Advice for New Ph.D. 's.

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

Professional network for scientists.

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

Network's members preprints and papers

A. Ballesteros, A. Enciso, F.J. Herranz, O. Rag-nisco and D. Riglioni: *A maximally superinte-grable deformation of the N-dimensional quantum*

Kepler-Coulomb system.

1310.6554[math-ph math.MP nlin.SI quant-ph]

J. Fernandez and M. Zuccalli: *A geometric approach to discrete connections on principal bundles.*

1311.0260[math.DG math-ph math.MP]

A. Ballesteros, A. Blasco, F.J. Herranz, J. de Lucas and C. Sardón: *Lie-Hamilton systems on the plane: properties, classification and applications.*

1311.0792[math-ph math.MP]

L. Grigoryeva, J.-P. Ortega and S. Zub: *Stability of Hamiltonian relative equilibria in symmetric magnetically confined rigid bodies.*

1311.2256[math.SG]

B. Cappelletti-Montano, A. De Nicola, J.C. Marrero and I. Yudin: *Examples of compact K-contact manifolds with no Sasakian metric.*

1311.3270[math.DG math.SG]

Network's collaborators preprints and papers

M. Montero: *Quantum walk with a general coin: Exact solution and asymptotic properties.*

1310.7486[quant-ph cond-mat.stat-mech math-ph math.MP]

D. Greynat, J. Sesma and G. Vulvert: *Epsilon expansion of Appell and Kampé de Fériet functions.*

1310.7700[math-ph hep-ph hep-th math.MP]

A.J. Maciejewski, M. Przybylska and T. Stachowiak: *Full spectrum of the Rabi model.*

1310.8655[math-ph math.MP quant-ph]

J.D. Gibbon and D.D. Holm: *Stretching and folding processes in the 3D Euler and Navier-Stokes.*

1311.0382[math-ph math.MP physics.flu-dyn]

J. Pei, C. Bai and L. Guo: *Rota-Baxter operators on $sl(2, C)$ and solutions of the classical Yang-Baxter equation.*

1311.0612[math-ph math.MP math.QA math.RA]

Y. Lin: *Lefschetz contact manifolds and odd dimensional symplectic geometry.*

1311.1431[math.SG math.DG]

D.D. Holm and R.I. Ivanov: *Euler-Poincaré equations for G-Strands.*

1311.2126[math-ph math.MP nlin.SI]

J. Montaldi: *Bifurcations of relative equilibria near zero momentum in Hamiltonian systems with spherical symmetry.*

1311.2247[math.DS math-ph math.MP]

A.S. Cattaneo, P. Mnev and N. Reshetikhin: *Semiclassical quantization of classical field theories.*

1311.2490[math-ph hep-th math.DG math.MP]

I. Luján and A. Swann: *Non-degenerate homogeneous ϵ -Kähler and ϵ -quaternion Kähler structures of linear type.*

1311.3072[math.DG]

Other Conferences

Mathematical Control in Trieste 2013.

December 2-6, 2013. Trieste, Italy.

<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>

18th International Mathematics Conference-2013.

December 20-22, 2013. IUB Campus, Bashundhara. Dhaka. Bangladesh.

<http://www.secs.iub.edu.bd/18matconf/index.php>

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/>

Carnival Differential Geometry School.

February 24-27, 2014. Torino. Italy.

Deadline registration: January 31, 2014.

<http://www.personalweb.unito.it/annamaria.fino/geoschool2013.html>

SAMSI-CRM Workshop on Geometric Aspects of High-dimensional Inference.

March 31 - April 2, 2014. Research Triangle Park, North Carolina.

<http://www.samsi.info/workshop/2013-14-ldhd-samsi-crm-workshop-geometric-aspects-high-dimensional-inference-march-31-april>

Control of PDEs.

March 31-April 4, 2014. CNAM, Paris, France.

<http://www.secs.iub.edu.bd/18matconf/index.php>

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

International Conference on Nonlinear Differential and Difference Equations: Recent Developments and Applications.

May 27-30, 2014. Antalya, Turkey

Important dates: early registration deadline: February 1, 2014; abstract submission deadline: march 10, 2014; Registration deadline: march 15, 2014.

<http://icndde.ankara.edu.tr/>

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/>

Loop Spaces in Geometry and Topology.

September 1-5, 2014. Nantes. France.

<http://www.lebesgue.fr/content/sem2014-loops-programme>

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