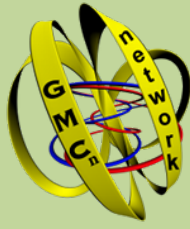


GMC Network Infosheet

December 2012



Geometry, Mechanics and Control Network Infosheet

December 2012

Editors: Javier de
Lucas and Silvia
Vilariño

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Network's activities

IRSES Meeting on Differential Geometry and Mechanics.

Ghent University, Belgium, January 14 - 16, 2013.

This meeting is an opportunity for the partners of the "Geometric Mechanics" IRSES network to meet, but it is also open to researchers from other institutes. Invited speakers are Hernan Cendra (U Nacional del Sur), Melvin Leok (UC San Diego), David Martin de Diego (ICMAT Madrid), Olga Rossi (U Ostrava), Willy Sarlet (Ghent U) and Hiroaki Yoshimura (Waseda U). There are also slots for short contributed talks.

Deadline: December 1, 2012 (but preferably earlier).

<http://www.geomechnetwork.ugent.be/meeting.html>

XV Winter Meeting on Geometry, Mechanics and Control Theory.

Zaragoza, Spain.

January 30 - 31, 2013.

Thematic day on Dirac structures in Geometry, Mechanics and Control.

Zaragoza, Spain.

February 1, 2013.

7th International Summer School on Geometry, Mechanics and Control (ICMAT School).

La Cristalera, Miraflores de la Sierra, Madrid, Spain. July 1-5, 2013.

Speakers:

- M. J. GOTAY (Pacific Institute for the Mathematical Sciences, Canada): *Momentum Maps, Constraints and Classical Field Theories.*
- P. S. KRISHNAPRASAD (University of Maryland, USA): *Geometry of Collectives: Control, Dynamics and Reconstruction.*
- D. PERALTA SALAS (Instituto de Ciencias Matemáticas CSIC-UAM-UC3M-UCM, Spain): *Topological structures in steady fluid flows.*

Deadline: Important dates:

- Application for scholarship no later than April 30, 2013.
- Abstract submission for short talks/posters no later than April 30, 2013.
- Registration no later than May 15, 2013.
- Accommodation no later than May 15, 2013.

<http://gmcnetwork.org/?q=activity-detail/867>

Job offers, fellowships and awards

Ph.D. offers

Ph.D. Position in Mathematics Inspired by String Theory and QFT.

Department of Mathematics and Physics and the string theory group of DESY.

University of Hamburg, Germany.

Closing date: December 31, 2012.

<http://www.euro-math-soc.eu/node/2396>

Call for Ph.D. internships at WCMCS, Spring 2013.

Warsaw Center of Mathematics and Computer Science.

Warsaw, Poland.

Closing date: January 3, 2013.

<http://www.mimuw.edu.pl/badania/know/actions/internshipsWinter2012.html?cookie=1>

Ph.D. Studentship - doctoral assistant.

EPF Lausanne.

Switzerland.

The Chair of Geometry at EPF Lausanne is advertising for doctoral assistant position (Ph.D. studentship with light teaching duties) to work with Prof. Tamás Hausel starting September 2013.

Closing date: January 15, 2013.

<http://www.euro-math-soc.eu/node/3197>

Leeds International Research Scholarships (LIRS).

Faculty of Mathematics and Physical Sciences.

University of Leeds, UK.

Closing date: January 21, 2013.

<http://www.jobs.ac.uk/job/AFP092/>

EPSRC Project Studentship in Mathematics/Physics underpinning Quantum Computing.

Faculty of Mathematics and Physical Sciences, School of Mathematics.

University of Leeds, UK.

Closing date: January 31, 2013.

<http://www.jobs.ac.uk/job/AFM230/>

5 Ph.D. Studentships available in Mathematical Sciences.

School of Mathematical Sciences.

Queen Mary, University of London, UK.

Closing date: January 31, 2013.

<http://www.jobs.ac.uk/job/AFN050/>

Ph.D. Studentship in Mathematics.

School of Mathematics.

University of Bristol, UK.

Closing date: February 1, 2013.

<http://www.jobs.ac.uk/job/AFN593/>

EPSRC funded Ph.D. studentships in Mathematics.

Any area of applied mathematics, pure mathematics or statistic.

University of Exeter, England, UK.

Closing date: February 1, 2013.

<http://www.exeter.ac.uk/studying/funding/award/index.php?id=1112>

Ph.D. Studentship in Mathematics.

Department of Mathematics, Faculty of Science.

University of Bristol, UK.

Candidates are encouraged to apply earlier if possible; in particular due to funding reasons the chances of international applicants will be maximized if they apply before 31st December 2012.

Closing date: March 1, 2013.

<http://www.jobs.ac.uk/job/AFR324/phd-studentship-mathematics/>

Ph.D. Studentships in Mathematics.

Department of Mathematics.

University of Surrey, UK.

Closing date: March 29, 2013.

<http://www.jobs.ac.uk/job/AFR218/>

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: Thermomechanical Constraints in the Plate Theory of Classical and Generalized Thermoelasticity.

School of Mathematics.

University of East Anglia, Norwich, Norfolk, UK.

Closing date: applications accepted all year round.

<http://www.findaphd.com/search/ProjectDetails.aspx?PJID=35176&LID=437>

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>

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>

Postdoctoral fellowships

Marie Curie Fellowship.

Department of Mathematics.

King's College London, UK.

Closing date: January 1, 2013.

<http://www.jobs.ac.uk/job/AFR771/marie-curie-fellowship/>

University of Leeds, UK.

Closing date: January 2, 2013.

<http://www.jobs.ac.uk/job/AFJ122/research-fellow/>

Research Fellow in Mathematics and Physics.

Mathematics & Physical Sciences.

Research Fellow.

Department of Mathematics.

University of Warwick, UK.

Closing date: January 4, 2013.

<http://www.jobs.ac.uk/job/AFL115/>

5 Postdoctoral positions in Mathematics.

Department of Mathematical Sciences (IMF).
The Norwegian University of Science and Technology (NTNU), Trondheim, Norway.

Closing date: January 6, 2013.

<http://www.jobbnorge.no/job.aspx?jobid=89033>

3 Chapman Fellowships in Mathematics.

Department of Mathematics.
Imperial College London, UK.

Closing date: January 7, 2013.

<http://www.jobs.ac.uk/job/AFL855/3-x-chapman-fellowships-in-mathematics/>

Research Fellow in Mathematics.

Department of Mathematics.
University of Warwick, UK.

Closing date: January 14, 2013 (midnight British time).

<http://www.jobs.ac.uk/job/AFL062/research-fellow/>

Postdoctoral Fellowship position in CFP.

Basque Center for Applied Mathematics.
Bilbao, Basque Country, Spain.

Closing date: January 15, 2013.

<http://www.bcmath.org/en/research/job>

ICMAT-Postdoc-2013.

ICMAT-Institute of Mathematical Sciences.
Madrid, Spain.

The Instituto de Ciencias Matemáticas (ICMAT-Institute of Mathematical Sciences) offers five postdoctoral appointments for researchers in Mathematics with an excellent curriculum who wish to pursue their research career at the ICMAT. The contracts will be for two years and with competitive financial conditions, similar to those offered in equivalent European Programmes.

Closing date: January 20, 2013.

http://www.icmat.es/severo-ochoa/HumanResources/ICMat_Postdoc2013

2013 CRM Junior Visiting Positions - Call for applications.

Centro di Ricerca Matematica Ennio de Giorgi.
Scuola Normale Superiore, Pisa, Italy.

The “Centro di Ricerca Matematica Ennio De Giorgi” invites applications to the Junior Visiting Programme for 2013. Four Junior Visiting positions are offered each one carrying a monthly grant of approximately 2.000 Euros for a period of two years starting from October 2013. An additional grant of 1.000 Euros per

year will also be made available for research purposes (travel, or invitations). No teaching duty are requested. The junior visitors are requested to participate to the scientific activities of the Centre such as intensive periods, workshops and seminars. Full details about the Junior Visiting Programme 2013 and the application process can be found at: <http://www.crm.sns.it/grant/20/>, and at <http://www.sns.it/en/servizi/job/assegnidiricerca/assegno551/>.

Closing date: January 21, 2013.

<http://www.crm.sns.it/grant/20/>

Temporary postdoc positions for periods of 1/2 - 2 years.

Institute of Mathematics of the Polish Academy of Sciences (IMPAN).

Warsaw, Poland.

Closing date: February 25, 2013.

<http://www.impan.pl/Konkursy/tempor2013.html>

Weierstrass Postdoctoral Fellowship Program.

Weierstrass Institute for Applied Analysis and Stochastics (WIAS).

Berlin, Germany.

WIAS offers postgraduate fellowships for 2012/2013. Their duration is six or twelve months. These fellowships are designed to enable highly-qualified young scientists to participate in the research into the mathematical problems in the several fields, thus furthering their education and training.

Closing date: February 28, 2013.

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

Marie Curie Career Integration Grants (CIG).

Closing date: March 7 and September 18, 2013 (17:00 Brussels local time).

http://ec.europa.eu/research/participants/portal/page/people;efp7_SESSION_ID=211JQC8GSfYGf6TjTTz3p9DyzLVyGHOB4cSpZhnMp7Tn1fz8KRn7!-465292286?callIdentifier=FP7-PEOPLE-2013-CIG

Postdoctoral Positions in Stability of switched systems with complex dynamics.

L2S Supelec.

France.

Closing date: To apply send an email to Paolo.Mason@lss.supelec.fr and mario.sigalotti@inria.fr.

<http://www.cmap.polytechnique.fr/~sigalotti/postdoc>

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(AT)math(DOT)fau(DOT)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>

Riemann Fellowships to mathematicians and theoretical physicists.

Riemann Center for Geometry and Physics.

Leibniz Universität Hannover.

Closing date: any time.

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

Offers for visiting and senior researchers

Tenure track position in Applied Mathematics.

Department of Mathematics.

Pontifical Catholic University of Rio de Janeiro (RUC-RIO), Brazil.

Closing date: December 28, 2012.

<http://jobs.phds.org/job/37828/pontificia-universidade/tenure-track-position>

Lecturer in Mathematics.

Department of Mathematics, Statistics and Physics.

Qatar University, Qatar.

Closing date: December 30, 2012.

[http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job\[IDX\]=42031-SC121203b-8e&oid=798206](http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job[IDX]=42031-SC121203b-8e&oid=798206)

Assistant/Associate Professor in Mathematics.

Department of Mathematics, Statistics and Physics.

Qatar University, Qatar.

Closing date: December 30, 2012.

[http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job\[IDX\]=42030-SC121203b-8e&oid=798206](http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job[IDX]=42030-SC121203b-8e&oid=798206)

Lecturer/Senior Lecturer/Reader in Pure Mathematics.

Mathematical Sciences.

University of Bath, UK.

Closing date: December 31, 2012.

<http://www.jobs.ac.uk/job/AFL429/>

Assistant/Associate/Full Professor, Visiting Assistant/Associate Professor, Lecturer (Multiple Positions).

Department of Mathematics.

Stony Brook University, NY, USA.

Closing date: January 1, 2013.

<http://www.postdocjobs.com/jobs/jobdetail.php?jobid=1117722>

Lecturer in Applied Mathematics.

School of Mathematics.

The University of Manchester, UK.

Closing date: January 4, 2013.

<http://www.jobs.ac.uk/job/AFQ360/>

Lecturer/Senior Lecturer in Theoretical and Computational Fluid Dynamics.

Department of Mathematics.

Imperial College London, UK.

Closing date: January 7, 2013.

https://www4.ad.ic.ac.uk/OA_HTML/OA.jsp?akRegionCode=IRC_VIS_VAC_DISPLAY_PAGE&akRegionApplicationId=800&p_svid=39353

Chair in Applied Mathematics.

Department of Mathematics.

Imperial College London, UK.

Closing date: January 7, 2013.

<http://www.jobs.ac.uk/job/AFK251/chair-in-applied-mathematics/>

Lecturer/Senior Lecturer in Theoretical and Computational Fluid Dynamics.

Department of Mathematics.

Imperial College London, UK.

Closing date: January 7, 2013.

<http://www.jobs.ac.uk/job/AFK257/>

Lecturer/Senior Lecturer in Applied Mathematics.

School of Mathematical Sciences.

University of Adelaide, Australia.
Closing date: January 7, 2013.
<http://www.jobs.ac.uk/job/AFQ095/>

Lecturer/Senior Lecturer in Pure Mathematics.

School of Mathematical Sciences.
University of Adelaide, Australia.
Closing date: January 7, 2013.
<http://www.jobs.ac.uk/job/AFQ098/>

Lecturer in Applied Mathematics.

School of Computing and Mathematics.
Keele University, UK.
Closing date: January 14, 2013.
<http://www.jobs.ac.uk/job/AFQ959/>

Full Professorship (W 3) in Theoretical Physics.

Faculty of Science, Department of Physics.
Eberhard Karls Universität Tübingen, Germany.
Closing date: January 15, 2013.
<http://www.uni-tuebingen.de/en/news/stellenaengebote/newsfullview-stellenangebote/articlle/w-3-professur-fuer-theoretische-physik.html>

Lecturer in Mathematics.

Department of Mathematics.
University of California, Berkeley, USA.
Closing date: January 15, 2013.
<http://academicemployment.chance.berkeley.edu/DetailsJobSearch.cfm?recordID=1355>

Lecturer/Associate Professor Positions in Mathematics.

Department of Mathematical Sciences.
Xi'an Jiaotong-Liverpool University, Jiangsu, China.
Closing date: January 25, 2013.
[http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job\[IDX\]=42398-SC121210b-6e&oid=798206](http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job[IDX]=42398-SC121210b-6e&oid=798206)

Lecturer in Pure Mathematics.

Department of Mathematical Sciences. Faculty of Science and Engineering, School of Physical Sciences.
University of Liverpool, UK.
Closing date: January 25, 2013.
<http://www.jobs.ac.uk/job/AFR449/>

Lectureships in Applied Mathematics.

School of Mathematics.
University of Bristol, UK.
Closing date: February 11, 2013.

<http://www.jobs.ac.uk/job/AFR830/>

Tenure-track Assistant/Associate Professor positions.

All areas of pure and applied mathematics.
Instituto de Matemáticas, Universidad Nacional Autónoma de México, Mexico.
Closing date: February 15, 2013.
<https://www.mathjobs.org/jobs/jobs/4459>

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/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

Assistant Professor in Physics.

Department of Physics.
Concordia College, Moorhead Minnesota, USA.
Position Start Date: August 2013.
Closing date: Open Until Filled.
[http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job\[IDX\]=40934-SC121029b-6e&oid=798206](http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job[IDX]=40934-SC121029b-6e&oid=798206)

Assistant Professor in Mathematics.

Department of Mathematics.
Concordia College, Moorhead Minnesota, USA.
Position Start Date: August 2013.
Closing date: Open Until Filled.

[http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job\[IDX\]=40933-SC121029b-6e&oid=798206](http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job[IDX]=40933-SC121029b-6e&oid=798206)

Faculty Positions in Mathematics.

Department of Sciences.

Indian Institute of Technology Gandhinagar, Ahmedabad, Gujarat, India.

Closing date: Rolling position.

[http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job\[IDX\]=40686-SC121029b-6e&oid=798206](http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job[IDX]=40686-SC121029b-6e&oid=798206)

Mathematics Lecturer.

UM-SJTU Joint Institute.

Shanghai Jiao Tong University, China.

Position Start Date: February 2013.

Closing date: open until filled.

[http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job\[IDX\]=39501-SC120917b-8e&oid=798206](http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job[IDX]=39501-SC120917b-8e&oid=798206)

Lecturer / Senior Lecturer in Mathematics.

Department of Mathematical Sciences.

Indiana University-Purdue University Indianapolis (IUPUI).

Position start date: August 1, 2013.

Closing date: open until filled.

[http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job\[IDX\]=39644-SC120924b-6e&oid=798206](http://sciences.academickeys.com/seeker_job_display.php?dothis=display&job[IDX]=39644-SC120924b-6e&oid=798206)

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/en/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/en/node/122>

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).

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/C>

COLLABORATION-RESEARCH-STAYS.aspx

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>

Awards

2012 José Luis Rubio de Francia Award.

Prize: 3000 Euros.

Closing date: December 31, 2012.

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

Nominations for IMU Awards 2014.

Closing date: December 31, 2012.

<http://www.mathunion.org/general/prizes>

Otto Neugebauer Prize.

Prize: 5000 Euro.

Closing date: December 31, 2012.

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

EMS Monograph Award.

On the occasion of its 10th anniversary the EMS Publishing House is pleased to announce the EMS Monograph Award. The prize is endowed with 10.000 Euro, and the winning monograph is published by the EMS Publishing House in the series EMS Tracts in Mathematics.

Closing date: June 30, 2013.

http://www.ems-ph.org/EMS_Monograph_Award.php

Financial support for research projects and conferences

European Call for Researches'Night 2013.

The next Researchers' Night will be on September 27, 2013.

Deadline: January 8, 2013 (17:00 Brussels local time).

<http://ec.europa.eu/research/participants/portal/page/people?callIdentifier=FP7-PEOPLE-2013-NIGHT>

Call for proposals for ERC Synergy Grant.

Deadline: January 10, 2013 (17:00 Brussels local time).

http://ec.europa.eu/research/participants/portal/page/ideas;efp7_SESSION_ID=n8rkQ18JkdM6C1xMXM3p5TsdDwvJQyLy2jn7hNjmyhbMmg2m2L1!-741958582?callIdentifier=ERC-2013-SyG

Marie Curie International Research Staff Exchange Scheme (IRSES).

Deadline: January 17, 2013 (17:00 Brussels local time).

<http://ec.europa.eu/research/participants/portal/page/people?callIdentifier=FP7-PEOPLE-2013-IRSES>

Simons Foundation Collaboration Grants for Mathematicians.

The Simons Foundations Division for Mathematics and the Physical Sciences invites applications for grants to mathematicians primarily for collaboration and travel.

Deadline: January 31, 2013.

<https://simonsfoundation.org/funding/funding-opportunities/mathematics-physical-scienc>

es/collaboration-grants-for-mathematicians/

Call for proposals for ERC Consolidator Grant.

Please note that the call 'ERC-2013-CoG' consists of one call with a single deadline applying to the three domains: Physical Sciences & Engineering, Life Sciences, Social Sciences & Humanities.

Deadline: February 21, 2013 (17:00 Brussels local time).

http://ec.europa.eu/research/participants/portals/page/ideas;efp7_SESSION_ID=1v21Qc4pVngyDmW5TyBbbnw2YZTHzhT0vpQgnQSGpy8Xr4b87sn!-1464761185?callIdentifier=ERC-2013-CoG

Centre Interfacultaire Bernoulli Call for Proposals.

The CIB launches a call for proposals of four one-semester programs during the period July 1, 2014 - June 30, 2016. A thematic program consists of a six months period (January 1 - June 30 or July 1 - December 31) of concentrated activity in a specific area of current research interest in the mathematical sciences. In exceptional cases, one year and three month programs will also be considered.

Those who are interested in organizing a program at the CIB should submit a two page letter of intent by April 1st, 2013. This letter should give the names of the organizers, of the potential visitors, and outline the program.

Deadline: April 1st, 2013.

<http://cib.epfl.ch/>

Interesting news and publications

IMU-Net 56: November International Mathematical Union Newsletter.

<http://www.mathunion.org/?id=2556>

IMU-Net 56b: Special issue on the International Launch of Mathematics Planet Earth 2013.

<http://www.mathunion.org/imu-net/archive/2012/imu-net-056b/>

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

The IRSES Network 'GEOMECH'.

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

coordinated by Ghent University.

<http://www.geomechnetwork.ugent.be/>

Mathematics in Europe.

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

Matemáticas y sus fronteras.

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

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

Journal of Geometric Mechanics (JGM).

Volume 4, Number 3, September 2012.

<http://aimsciences.org/journals/contentsListnew.jsp?pubID=550>

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>

Network's members preprints and papers

M. Barbero-Liñán, D. Iglesias Ponte, D. Martín de Diego: *Morse families in optimal control problems.*

arXiv:1211.4511[math.OC, math.DG]

M. Barbero-Liñán, M.C. Muñoz-Lecanda: *k-symplectic Pontryagin's Maximum Principle for some families of PDEs.*

arXiv:1210.6762[math.OC, math-ph, math.DG]

M. Barbero-Liñán, M.C. Muñoz-Lecanda: *Presymplectic high order maximum principle.*

arXiv:1210.6773[math.OC, math-ph, math.DG]

H. Cendra, M. Etchechoury, S. Ferraro: *An extension of the Dirac and Gotay-Nester theories of constraints for Dirac dynamical systems.*

arXiv:1106.3354[math-ph, math.MP]

M. Barbero-Liñán, B. Jakubczyk: *Second order conditions for optimality and local controllability of discrete-time systems.*

arXiv:1211.5784[math.OC]

J.F. Cariñena, J. de Lucas, C. Sardón: *Lie-Hamilton systems: theory and applications.*

arXiv:1211.6991[math.ph]

H. Shished Froush, S. Martinez: *On Single-Input Controllable Linear Systems Under Periodic DoS Jamming Attacks.*

arXiv:1209.4101[math.DS, math.OC]

Quantum algebras as quantizations of dual Poisson-Lie groups: *A. Ballesteros, F. Musso.*

arXiv:1212.3809[math-ph, math.MP]

Network's collaborators preprints and papers

T. Lee, M. Leok, N.H. McClamroch: *Dynamics and Control of a Chain Pendulum on a Cart.*

arXiv:1211.4604[math.OC]

F. Presas: *Geometric decompositions of almost contact manifolds.*

arXiv:1211.4696[math.SG, math.DG]

T. Holm, A. R. Pires: *The topology of toric origami manifolds.*

arXiv:1211.6435[math.SG, math.AT]

H.O. Jacobs, J. Vankershaver: *On the use of Lie groupoids in fluid-structure interactions.*

arXiv:1212.1144[math.DS, math-ph, math.MP, math.SG]

I. Bucataru, Z. Muzsnay: *Sprays metrizable by Finsler functions of constant flag curvature.*

arXiv:1212.1248[math.DG]

D. Li-Bland, P. Ševera: *Moduli spaces for quilted surfaces and Poisson structures.*

arXiv:1212.2097[math.DG, math-ph, math.MP, math.SG]

B. Bagchi, A. Ghose Choudhury, P. Guha: *A generalized non-Hermitian Pais-Uhlenbeck quantum Hamiltonian, its Hermitian equivalence and position-dependent mass correspondence.*

arXiv:1212.2092[math-ph, math.MP, quant-ph]

M. Fernández, A. Fino, V. Manero: *G_2 -structures on Einstein solvmanifolds.*

arXiv:1207.3616[math.DG]

Other Conferences

Recent Advances in Operator Theory and Operator Algebras.

December 31, 2012-January 11, 2013. Bangalore, India.

<http://www.isibang.ac.in/~jay/rota.html>

Intensive Program: Control of Complex Quantum Systems.

January 7-March 28, 2013. Santa Barbara, USA.

<http://www.kitp.ucsb.edu/activities/dbdetail>

s?acro=qcontrol13

Winter School on Mathematical Physics.

January 14-February 1, 2013. Mexico City, Mexico.

<http://leibniz.iimas.unam.mx/~wsmp/index.html>

Congreso Real Sociedad Matemática Española (RSME).

January 21-25, 2013. Santiago de Compostela, Spain.

<http://www.usc.es/congresos/rsme2013/>

XIII Winter Diffiety School.

January 28- February 3, 2013. Bedlewo, Poland.

Deadline: January 15, 2012.

<https://sites.google.com/site/levicivita institute/Activities/DiffietySchools/xiii-winter-diffiety-school>

Rio de Janeiro School: Geometry, Mechanics and Computation.

February 4-8, 2013, Rio, Brazil.

www.mat.puc-rio.br/gmc2013

New directions in the Quantum Control Landscape.

February 25-March 1, 2013. Santa Barbara, USA.

<http://www.kitp.ucsb.edu/activities/dbdetails?acro=qcontrol-c13>

Workshop on Lorentzian Homogeneous Spaces.

March 7-8, 2013, Madrid, Spain.

<http://www.mat.ucm.es/geomfis/lorentzhom>

Interactions Between Analysis and Geometry.

March 11-14, 2013. Los Angeles, California, USA.

<http://www.ipam.ucla.edu/programs/iag2013/>

AIM Workshop: Geometric perspectives in mathematical quantum field theory.

April 8-12, 2013. Palo Alto, California, USA.

<http://www.aimath.org/ARCC/workshops/geometrycqft.html>

EUROMATH 2013: European Student Conference in Mathematics.

April 10-14, 2013. Gothenburg, Sweden.

www.euromath.org

Geomathematics 2013.

April 15-17, 2013. Palatinat, Germany.

<http://www.geomathematics2013.de>

Conference New Trends in Regularization Theory and Methods for Geomathematical Problems.

May 6-10, 2013.

<http://www.crm.cat/en/Activities/Pages/ActivityDescriptions/Conference-New-Trends-in-Regularization-theory-and-methods-for-Geomathematical-problems.aspx>

IV MACI 2013.

May 15-17, 2013. Buenos Aires, Argentina.

<http://asamaci.org.ar/eventos/iv-maci-2013-1-1>

SIAM Conference on Applications of Dynamical Systems.

May 19-23, 2013. Snowbird, Utah, USA.

<http://www.siam.org/meetings/ds13/>

10TH HSTAM International congress on mechanics.

May 25-27, 2013. Crete, Greece.

www.10hstam.tuc.gr

Conference on Nonlinear Mathematical Physics: Twenty Years of JNMP.

June 4-14, 2013. Nordfjordeid, Norway.

<http://staff.www.ltu.se/~johfab/jnmp/index.html>

Pde's, Dispersion, Scattering theory and Control theory.

Jun 10-14, 2013. Monastir, Tunisia.

<http://www.euro-math-soc.eu/node/2973>

GDIS 2013 Fourth International Conference Geometry, Dynamics, Integrable Systems.

June 10-14, 2013. Izhevsk, Rusia.

<http://www.mi.sanu.ac.rs/~gdis2013>

American Control Conference.

June 17-19, 2013. Washington, DC, USA.

<http://a2c2.org/conferences/acc2013/>

SUMMER@ICERM: 2013 Undergraduate Summer Research Program "Geometry and Dynamics".

June 17-August 9, 2013. Rhode Island, USA.

https://icerm.brown.edu/summerug_2013

Physics and Mathematics of Nonlinear Phenomena 2013.

June 22-29, 2013. Gallipoli, Italy.

<http://pmp2013.dmf.unisalento.it/>

ERC Workshop "Variational Views in Mechanics and Materials".

June 24-26, 2013. Pavia, Italy.

<http://www.imati.cnr.it/ulisse/v2m2.html>

International Conference on Geometry: Theory and Applications.

June 24-28, 2013. Ljubljana, Slovenia.

<http://cgta2013.imfm.si>

The 2013 International Conference of Applied and Engineering Mathematics.

July 3-5, 2013. London, United Kingdom.
<http://www.iaeng.org/WCE2013/ICAEM2013.html>

SIAM Conference on Control and Its Applications.

July 8-10, 2013. San Diego, USA.
<http://www.siam.org/meetings/ct13/>

The sixth International Congress of Chinese Mathematicians.

July 14-19, 2013. Taipei, Taiwan.
<http://iccm.tims.ntu.edu.tw/>

JISD2013- Workshop on Interactions between dynamical systems and partial differential equations.

July 15-19, 2013. Barcelona, Spain.
<http://www.ma1.upc.edu/recerca/seminaris-rece>
[rca/jisd2013/jisd2013](http://www.ma1.upc.edu/recerca/seminaris-rece)

European Control Conference.

July 17-19, 2013. Zurich, Switzerland.
www.ecc13.ch

1st Mathematical Congress of the Americas.

August 5-9, 2013. Guanajuato, Mexico.
<http://www.mca2013.org/>

Mathematical General Relativity.

August 19-December 20, 2013. Berkeley, California, USA.
<http://www.msri.org/web/msri/scientific/programs/show/-/event/Pm8946>

Optimal Transport: Geometry and Dynamics.

August 19-December 20, 2013. Berkeley, CA, USA.
<http://www.msri.org/web/msri/scientific/programs/show/-/event/Pm8952>

Connections for Women on Optimal Transport: Geometry and Dynamics.

August 22-23, 2013. Berkeley, California, USA.
<http://www.msri.org/web/msri/scientific/workshops/all-workshops/show/-/event/Wm9225>

Introductory Workshop on Optimal Transport: Geometry and Dynamics.

August 26-30, 2013. Berkeley, California, USA.
<http://www.msri.org/web/msri/scientific/workshops/all-workshops/show/-/event/Wm9226>

XXII International Fall Workshop on Geometry and Physics.

September 2-5, 2013, Evora, Portugal.

NOLCOS 2013.

September 4-6, 2013. Toulouse, France.
<http://conf.laas.fr/NOLCOS2013/>

Fluid Mechanics, Hamiltonian Dynamics, and Numerical Aspects of Optimal Transportation.

October 14-18, 2013. Berkeley, California, USA.
<http://www.msri.org/web/msri/scientific/workshops/all-workshops/show/-/event/Wm9227>

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