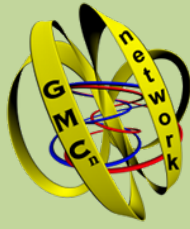


GMC Network Infosheet

July 2015



Geometry, Mechanics and Control Network Infosheet

July 2015

Editors: Javier de Lucas, Pedro
Daniel Prieto, Cristina Sardón

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Network's activities

Minicourses on Geometry and Physics.

Two minicourses will be take place on the 31st August afternoon, at the Faculty of Science at the University of Zaragoza (C/ Pedro Cerbuna, 12). Each course will last two hours.

- DANIEL PERALTA. "An introduction to some geometric aspects of the Euler equations"
- VALTER MORETTI. "Advanced Quantum Mechanics".

<http://cud.unizar.es/xxivifwgpzg/news>

XXIV International Fall Workshop on Geometry and Physics (IFWGP).

IFWGP will be held at the Centro Universitario de la Defensa de Zaragoza (Spain) from the 1st to the 4th of September 2015. The workshop will consist of plenary talks given by invited speakers, contributed short talks and poster sessions.

<http://cud.unizar.es/xxivifwgpzg/home>

School and International Conference on Geometry and Quantization (GEOQUANT2015).

September, 7–18, 2015.
ICMAT, Madrid, Spain.

math.uni.lu/geoquant15

Job offers, fellowships and awards

Ph.D. offers

Research Fellow.

ELEVATE (ELEctrochemical Vehicle Advanced TEchnology).
University of Warwick.

You will hold a Masters level qualification, have undertaken complimentary research as part your PhD/EngD study and potentially be able to demonstrate your capability through appropriate industrial experience.

Closing date: July 31, 2015.

<http://gow.epsrc.ac.uk/NGBOViewGrant.aspx?GrantRef=EP/M009394/1>

PhD - Direct Numerical Simulation for Fluid Flow Benchmarking.

Engineering Building.

University of Leeds.

Closing date: July 31, 2015.

<http://www.jobs.ac.uk/job/ALL938/>

Early-Stage-Researcher/PhD positions: Distributed optimization in cyber-physical networks .

OPT4SMART project .

Università del Salento, Italy.

Closing date: August 3, 2015.

http://cor.unisalento.it/notarstefano/opt4smart/PhD_OPT4SMART_flyer.pdf

PhD Studentship in Theory of Partial Differential Equations and applications to Mathematical Fluid Dynamics.

Department of Mathematics.

University of Sussex.

Closing date: August 31, 2015.

<http://www.jobs.ac.uk/job/ALE536/>

PhD Studentship in Calculus of Variations and Geometric Measure Theory.

Department of Mathematics.

University of Sussex.

Closing date: August 31, 2015.

<http://www.jobs.ac.uk/job/ALF502/>

Postdoctoral fellowships

Postdoctoral Researcher in Dynamical systems.

School of Mathematics.

University of Edinburgh.

Closing date: July 30, 2015.

<http://www.jobs.ac.uk/job/ALH190/>

Postdoctoral Research grants For Academic Year 2016-2017.

Grants for U.S. Senior Lecturers, Senior Postdoctoral Researchers, and Junior Postdoctoral Researchers.

Fulbright España.

Closing date: August 3, 2015.

<http://www.fulbright.es/convocatorias/ver/1454/postdoctoral-research/2016-2017>

Postdoctoral Research Assistants in Symmetries and Correspondences: Intra-disciplinary Developments and Applications.

Mathematical Institute.

University of Oxford.

Closing date: August 3, 2015.

<http://www.jobs.ac.uk/job/ALN206/>

Postdoctoral Research Fellow.

Mathematical Sciences.

Queen Mary, University of London.

Closing date: August 31, 2015.

<http://www.jobs.ac.uk/job/ATX224/>

Marie Skłodowska-Curie Individual Fellowships (IF).

Program Horizon 2020.

European Commission.

Closing date: September 10, 2015.

<https://ec.europa.eu/research/participants/porta14/desktop/en/opportunities/h2020/calls/h2020-msca-if-2015.html>

Offers for researchers

Professor and Head of Department of Mathematics.

Department of Mathematical Sciences.

Xi'an Jiaotong - Liverpool University, Xi'an Jiaotong.

Closing date: July 29, 2015.

<http://www.jobs.ac.uk/job/ALK729/>

Assistant Lecturer in Mathematics.

Faculty of Engineering & Science.

Cork Institute of Technology.

Closing date: July 29, 2015.

<http://www.jobs.ac.uk/job/ALP530/>

Associate Research Fellow/Research Fellow.

College of Engineering, Mathematics and Physical Sciences.

University of Exeter.

Closing date: July 31, 2015.

<http://www.jobs.ac.uk/job/ALM083/>

Lecturer in Applied Mathematics.

School of Mathematics.

The University of Manchester.

Closing date: July 31, 2015.

<http://www.jobs.ac.uk/job/ALF784/>

Senior Lecturer in Computer Systems and Robotics.

Faculty of Science and Technology; Department of Engineering.

University of Westminster.

Closing date: August 3, 2015.

<http://www.jobs.ac.uk/job/ALN243/>

Lecturer / Senior Lecturer in Mathematics (2 posts).

School of Science and Technology.

Middlesex University.

Closing date: August 10, 2015.

<http://www.jobs.ac.uk/job/AL0288/>

Faculty position in Mathematics.

Departments of Mathematics.

Nazarbayev University.

Closing date: September 1, 2015.

<http://www.jobs.ac.uk/job/ALK790/>

2015 FCT Investigator Programme.

The FCT Investigator programme aims to support the recruitment of outstanding researchers into Portugals R&D centres. Open to scientists of all nationalities, and across research fields, this highly competitive programme targets scientists with exceptional track-records and clear potential to develop innovative research..

Portugal.

There are three types of FCT investigator grants:

- Starting Grant
- Development Grant

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 months in the case of matching support from the host institution. 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 Âresearch sabbatical,Â a necessary complement to teaching and other academic duties for mathematicians desiring to also sustain a viable research program.

- Consolidation Grant

Closing date: September 15, 2015 (5pm, Lisbon time).

<https://www.fct.pt/apoios/contratacaodoutorado/investigador-fct/2015/index.phtml.en>

Lecturer / Senior Lecturer / Reader in Applied Mathematics.

Mathematical Sciences.

University of Bath.

Closing date: October 1, 2015.

<http://www.jobs.ac.uk/job/AL0569/>

Assistant Professor (Mathematical Physics).

Departments of Mathematics and Physics, SIU Carbondale.

Carbondale, Illinois, USA.

Closing date: Open until filled.

<http://www.all-acad.com/Job/J0152197/>

Assistant Professor of Mathematics.

Rogers State University.

Claremore, Oklahoma, USA.

Closing date: Open until filled.

<http://www.all-acad.com/Job/J0152265/>

Associate Professor/Assistant Professor (3 posts) in Mathematics.

Department of Mathematics.

University of Hong Kong.

Closing date: Open until filled.

<http://jobs.hku.hk/jd.php?id=201401325>

Closing date: August 31, 2015 for research visits between January 1 and April 30, 2016. .

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

Research in pairs in the Mathematisches Forschungsinstitut Oberwolfach.

Mathematisches Forschungsinstitut Oberwolfach. Oberwolfach, Germany.

The stay of a research “pair”, which means at least two and at most four people, can last between two weeks and three months. It is required that not all participants come from the same place. The Institute will provide office space, accommodation (full board and lodging), and an allowance for incidental expenses. Travel expenses can be reimbursed only in exceptional

cases. **Closing date: Applications must be sent 6 months before planned stay.**

<http://www.mfo.de/for-guest-researchers/apply-for-a-stay/apply-for-research-in-pairs>

Hausdorff Trimester Program (HTP).

University of Bonn.
Bonn, Germany.

During a Hausdorff Trimester Program, which lasts four months, the Institute invites a group of mathematicians or economists from all over the world to carry out research with a special emphasis on collaborative activities. The Institute can host up to 30 mathematicians at any one time and tries to distribute these places between senior mathematicians, postdocs and PhD students. The theme of each program is open to suggestion via applications from groups of leading scientists. The applications are decided by the Scientific Advisory Board. The overall topic can come from all areas of mathematics, mathematical economy, and mathematical physics. During the programs one or the other workshop is organized as well as perhaps lecture series or schools. The stays are fully financed by the Institute. **Closing date: October, 31, 2015.**

<http://www.him.uni-bonn.de/application/program-application/>

Focused research groups: Banff International Research Station.

Banff International Research Station for Mathematical Innovation and Discovery.
Banff, Alberta, Canada.

The Focused Research Groups program offers teams of up to 8 researchers the opportunity to live and work at the BIRS facility for periods of 1 to 2 weeks, in order to concentrate on their research, or to finish major projects. Focused Research Groups run Sunday to Sunday. Teams: Should consist of individuals from different institutions. Accommodation: Full accommodation (single room and meals) are provided for resident members. Two dedicated discussion rooms with computer work stations are provided for the use of the group. Proposals: Should detail the area of collaboration, list the team members and their institutions, and justify the case for using BIRS. Dates: Organizers may suggest any Sunday to Sunday period of 1 to 2 weeks from January 11 to December 6, 2015 or any Sunday to Sunday period from January 10 to December 4, 2016. Application: Use the online form to apply. Proposals for Focused Research Groups must be received a minimum of 4 months before the proposed start of

the event. Summary article: The organizers are required to submit, upon completion of their program, a 2-4 page article reviewing the aims and progress of the research project. **Closing date: a minimum of 4 months before the proposed start of the event.**

<http://www.birs.ca/programs/general-program-descriptions>

Centre International de rencontres mathématiques (CIRM).

CIRM, Marseille.
Marseille, France.

Research in pairs (2 to 3 researchers for 2 to 3 weeks. CIRM subsidizes board and lodging for people not based in the region).

Closing date: Anytime.

<http://www.cirm-math.fr/>

Research in groups at ICMS.

International Center for Mathematical Sciences.
Edinburgh, Scotland.

This ICMS programme invites applications from small groups of researchers (between 2 to 4) who wish to organise a short, intensive period of research in Edinburgh. At least one researcher must be based in the UK. Not all researchers should be from the same university with a maximum of two researchers from any one university. The Programme Committee will consider proposals throughout the year.

Closing date: Throughout the year, April 30, August 30, December 30.

<http://www.icms.org/proposals/rigs>

Research in groups SQUARES.

International Center for Mathematical Sciences in Palo Alto.
Palo Alto, California.

The purpose of AIM's research program called SquaREs (Structured Quartet Research Ensembles) is to allow a dedicated group of four to six mathematicians to spend a week at AIM in Palo Alto, California, with the possibility of returning in following years. A SquaRE could arise as a followup to an AIM workshop, or it could be a free-standing activity. AIM will provide both the research facilities and the financial support for each SquaRE group. We solicit SquaREs in all areas of pure and applied mathematics. Preference is given to groups which contain a mix of junior and senior researchers, and to groups which have participants from North America. SquaREs usually meet during weeks when there are no workshops at AIM. SquaRE proposals will be accepted beginning in summer, 2015.

Closing date: November 1, 2015.

aimath.org/programs/squares

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 any time.

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

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 any time generally two months before the start of the desired stay. An answer will be given no later than one month after submission of the applications.

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

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

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 any time.

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

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 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 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>

Visiting the IMUS.

IMUS.

University of Sevilla, Spain.

IMUS offers the possibility of hosting researchers wishing to stay at the Institute for a period ranging from one to twelve months. Priority will be given to those researchers having a research plan, with likely a training proposal in their fields, to be developed in collaboration with IMUS members. 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(*). Nevertheless, IMUS could help to apply for external financial sources, especially for those researchers who are in a sabbatical period from their home institution.

Applications can be submitted any time by filling out this form. For short periods (around 2 months), it will be enough to submit the application 2 months before the initial date of the desired stay. For longer periods, we recommend to submit the application 1 year before the starting date.

An answer will be given within one month of the submission of the application.

Closing date: Applications can be submitted any time.

<http://www.imus.us.es/es/contenido/intercall>

Awards

Committee on the Profession Award for Mathematics Programs that make a difference.

American Mathematical Society

Closing date: September 2015.

<http://www.ams.org/profession/prizes-awards/ams-supported/make-a-diff-award>

Award for impact on the Teaching and Learning of Mathematics.

American Mathematical Society

Closing date: September 2015.

<http://www.ams.org/profession/prizes-awards/ams-awards/impact>

Prizes of the Mathematical Council of the Americas Call for Nominations.

The Mathematical Council of the Americas **Closing date: December 15, 2016.**

<http://www.mcofamericas.org/latest-news/prizes-mathematical-council-americas-call-nominations>

Physics Awards: Real Sociedad Española de Física.

Fundación BBVA

Closing date: October, 9th, 2015.

<http://www.fbbva.es/TLFU/tlfu/esp/areas/ciencias/premios/fichapremio/index.jsp?codigo=147>

Noether Lectures.

AWM Association for women in Mathematics

Closing date: October 15th, year N for the year N+2 lecture.

<https://www.mathprograms.org/db/programs/299>

Financial support for research projects and conferences

Accreditation and Support of Centres of Excellence “Severo Ochoa” and Units of Excellence “María de Maeztu” 2015.

Spanish National Programme for Fostering Excellence in Scientific and Technical Research.

Deadline: July 29, 2015.

[http://www.idi.mineco.gob.es/portal/site/MICINN/menuitem.dbc68b34d11ccbd5d52ffeb801432ea0/?vgnnextoid=3e9970043260e410VgnVCM1000001d04140aRCRD\\$\\$vgnnextchannel=f272de2007371410VgnVCM1000001d04140aRCRD\\$\\$lang_chosen=en](http://www.idi.mineco.gob.es/portal/site/MICINN/menuitem.dbc68b34d11ccbd5d52ffeb801432ea0/?vgnnextoid=3e9970043260e410VgnVCM1000001d04140aRCRD$$vgnnextchannel=f272de2007371410VgnVCM1000001d04140aRCRD$$lang_chosen=en)

“Proyectos Europa Excelencia”.

Spanish National Programme for Fostering Excellence in Scientific and Technical Research.

Deadline: July 30, 2015.

[http://www.idi.mineco.gob.es/portal/site/MICINN/menuitem.dbc68b34d11ccbd5d52ffeb801432ea0/?vgnnextoid=449e99eee387e410VgnVCM1000001d04140aRCRD\\$\\$lang_chosen=en](http://www.idi.mineco.gob.es/portal/site/MICINN/menuitem.dbc68b34d11ccbd5d52ffeb801432ea0/?vgnnextoid=449e99eee387e410VgnVCM1000001d04140aRCRD$$lang_chosen=en)

“Redes de Excelencia” 2015.

Spanish National Programme for Fostering Excellence in Scientific and Technical Research.

Deadline: July 30, 2015.

[http://www.idi.mineco.gob.es/portal/site/MICINN/menuitem.dbc68b34d11ccb5d52ffeb801432ea0/?vgnnextoid=be1d2e152cf1e410VgnVCM1000001d04140aRCRD\\$\\$vgnnextchannel=7b765656ecfee310VgnVCM1000001d04140aRCRD\\$\\$lang_chosen=en](http://www.idi.mineco.gob.es/portal/site/MICINN/menuitem.dbc68b34d11ccb5d52ffeb801432ea0/?vgnnextoid=be1d2e152cf1e410VgnVCM1000001d04140aRCRD$$vgnnextchannel=7b765656ecfee310VgnVCM1000001d04140aRCRD$$lang_chosen=en)

Call for Special Session Proposals at the Mathematical Congress of the Americas 2017 (MCA2017).

Proposals of special sessions at MCA 2017 are welcomed by the Special Sessions Subcommittee. Early submission of proposals is encouraged: good proposals will be approved on a regular basis before the deadline, so that session speakers may be invited in plenty of time to make travel and funding arrangements.

Deadline: July 31, 2015.

<http://www.mathunion.org/imu-net/archive/2015/imu-net-071/>

Cannon Foundation Grants.

Foundation Canon in Europe offers research grants to highly qualified researchers with at least Masters or Doctoral degree in any discipline willing to relocate in Japan. Applicants must have finished their doctoral studies/masters no sooner than 2005.

Deadline: September 15, 2015.

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

Call for proposals for scientific activities 2016.

The EMS Meetings Committee calls for nominations or proposals of speakers and scientific events in 2016. The Executive Committee of the EMS, via its Meetings Committee, is willing to provide support that may cover the cost of the EMS Lecturers and of Distinguished Speakers, and to give partial support to the organization of EMS Weekends and of EMS Summer Schools. Since resources are scarce, only a limited number of events can be supported. Events within Europe

and speakers with profound relations to European academic institutions will be given preference.

Deadline: September 30, 2015.

<http://http://www.euro-math-soc.eu/news/13/01/10/call-proposals-scientific-activities-2016>

The European research Council Grants.

You will find all you need to know to apply for a grant from the European Research Council (ERC). ERC grants are open to researchers of any nationality in the world, any scientific field, any age.

Deadline: October 1, 2015.

<http://erc.europa.eu/funding-and-grants/apply-funding/call-proposals>

African Mathematical Schools.

The African Mathematical Union (AMU) in collaboration with CIMPA is requesting proposals for African Mathematical Schools (AMS) to be organized in 2016 from Mathematical Scientists and Institutions in all regions of the African continent.

Deadline: October 1, 2015.

<http://www.mathunion.org/imu-net/archive/2015/imu-net-071/>

Research Professionals.

Based in London, Research Professional provides an international option for people seeking research-funding programs. A paid subscription is required for access.

Deadline: No precise deadline.

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

The Royal Society Grants.

Fund about 1500 researchers, including approximately 600 research fellows, through grant schemes.

Deadline: No precise deadline.

<https://royalsociety.org/grants/>

Interesting news and publications

Journal of Geometric Mechanics (JGM).

Volume 7, Number 2, June 2015.

<https://aimsciences.org/journals/home.jsp?journalID=17>

IMU-Net 70.

May 2015.

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

ICMAT Newsletter.

Ninth number.

<http://www.icmat.es/outreach/newsletter/num9>

Reports@SCM.

Reports@SCM is a non-profit electronic research journal on Mathematics published by the Societat Catalana de Matemàtiques (SCM) which originated from the desire of helping students and

young researchers in their first steps into the world of research publication.
<http://revistes.iec.cat/index.php/reports/>

Info website for Ph.D Students in Mathematics.

i-Math Consolider project (only in Spanish)
<http://www.doctoradomath.es/>

Offers on Doctoral fellowships and contracts.

<http://www.bgsmath.cat/currentopencalls/>

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/>

Online textbooks: MIT OPEN COURSEWARE.

Online textbooks by department Mathematics:
<http://ocw.mit.edu/courses/online-textbooks/>

Free online courses in Mathematics.

Free online courses of reputable North American Universities. https://www.edx.org/course?search_query=mathematics

Search of academic jobs in Mathematics in Europe.

Look for PhD, post doc positions, research assistant, etc. <http://academicpositions.eu/?s=>

academicpositions.eu/?s=post-doc&gclid=CI2AgK6-7MUCFc.ItAodMCEAIQ

Search of academic jobs in Mathematics in the UK.

Look for PhD, post doc positions, research assistant, etc. <http://www.jobs.ac.uk/categories/postdoc-jobs>

Search of academic jobs in Mathematics worldwide.

Look for PhD, post doc positions, research assistant, etc. <http://www.findapostdoc.com/>, <https://www.postdocjobs.com/>

Search of academic jobs in Mathematics in Spain.

Look for PhD, post doc positions, research assistant, vacant jobs, lectureships <http://www.indeed.com/q-Postdoctoral-jobs.html>, <http://www.madrimasd.org/>

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/>

The American Mathematical Society bookstore.

<http://www.ams.org/bookstore/whatsnew>

Network's members preprints and papers

B. Cappelletti-Montano, A. de Nicola, J.C. Marrero and I. Yudin: *A non-Sasakian Lefschetz K-contact manifold of Tievsky type.*

1507.04661

[math.DG math.AT]

J.F. Cariñena, P. Guha and M.F. Rañada: *Geometrical and dynamical aspects of nonlinear higher-order Riccati systems.*

1507.00512

[math-ph math.MP]

L. Colombo and D.M. de Diego: *Second-order variational problems on Lie groupoids and optimal control applications.*

1506.08580

[math.DS math-ph math.MP math.OC math.SG]

R. Cushman and J. Sniatycki: *Bohr-Sommerfeld-Heisenberg quantization of the mathematical pendulum.*

1507.05674
[math.SG]

H. Huang: *The Cauchy problem for fully nonlinear parabolic systems on manifolds.*

1506.05030
[math.DG math.AP]

L. Vitagliano and A. Wade: *Generalized contact bundles.*

1507.03973
[math.DG math-ph math.MP math.SG]

G. Álvarez, L. Martínez Alonso and E. Medina: *Fine structure in the large n limit of the non-hermitian Penner matrix model.*

1507.02386
[math-ph math.MP]

L.M. Bates, R. Chhabra and J. Sniatycki: *Elastica as a dynamical system.*

1507.01527
[math.DG]

A.S. Cattaneo, P. Mnev and N. Reshetikhin: *Perturbative quantum gauge theories on manifolds with boundary.*

1507.01221
[math-ph hep-th math.AT math.DG math.MP math.QA]

C. Laurent-Gengoux and Y. Voglaire: *Invariant connections and PBW theorem for Lie groupoid pairs.*

1507.01051
[math.DG math.QA]

J. Keller, C. Lasser and T. Ohsawa: *A new phase space density for quantum expectations.*

1506.08880
[math-ph math.MP math.NA]

N. Aizawa, Z. Kuznetsova and F. Toppan: *Invariant PDEs of Conformal Galilei algebra as deformations: cryptohermiticity and contractions.*

1506.08488
[math-ph hep-th math.MP]

R. Hernández-Amador, J. Monterde, J.A. Vallejo: *Supermanifolds, symplectic geometry and curvature.*

1506.08152
[math.DG math-ph math.MP]

T. Castro Silva and N. Kamran: *Third order differential equations and local isometric immersions of pseudospherical surfaces.*

1506.08085
[math.DG]

H. Huang: *The Cauchy problem for fully nonlinear parabolic systems on manifolds.*

1506.05030
[math.DG math.AP]

S. Abenda and P.G. Grinevich: *Rational degeneration of M -curves, totally positive Grassmannians and KP-solitons.*

1506.00563
[nlin.SI math-ph math.MP]

Other Conferences

Partial Differential Equations.

August 2–8, 2015. Oberwolfach, Germany.
<http://www.mfo.de/www/schedule/2015/all>

Summer school in current topics in Mathematical Physics.

August 3–8, 2015. Viña del Mar, Chile.
<http://www.fis.puc.cl/~smp2015/frontpage.html>

ICIAM 2015. 8th International Congress on Industrial and Applied Mathematics.

August 10–14, 2015. Beijing, China.
<http://www.iciam2015.cn/>

20th International Summer School on Global Analysis and Applications “General Relativity: 100 years after Hilbert”.

August 17–21, 2015. Slovakia.
<http://www.lepageri.eu/summer-school>

Nonlinear Control and Geometry.

August 24–28, 2015. Bedlewo, Poland.
<http://bcc.impan.pl/15Nonlinear/>

School and Workshop on Geometry of Discrete Actions.

August 24–September 4, 2015. ICTP Trieste, Italy.

<http://indico.ictp.it/event/a14294/overview>

The 5th International Conference on Control and Optimization with Industrial Applications.

August 27–29, 2015. Baku, Azerbaijan.

<http://www.coia-conf.org/en/>

IMA Conference on Numerical Methods for Simulation.

August 31–September. UK.

http://ima.org.uk/conferences/conferences_calendar/numerical_methods_for_simulation.html

XXIV edition of the International Fall Workshop on Geometry and Physics.

September 1–4, 2015. Zaragoza. Spain.

<http://cud.unizar.es/xxivifwgpzgz/home>

School and International Conference on Geometry and Quantization (GEO-QUANT 2015).

September 7–18, 2015. ICMAT. Spain.

<http://math.uni.lu/geoquant15/>

10th SICC Intl Tutorial Workshop “Topics in Nonlinear Dynamics”: Nonlinear Dynamics in Computational Neuroscience: from Physics and Biology to ICT.

September, 7–8, 2015. Turin, Italy.

<http://www.neuro-eng-comp.polito.it/workshop/>

IMA Conference on Mathematics of Robotics.

September 8–11, 2015. UK.

http://ima.org.uk/conferences/conferences_calendar/mathematics_of_robotics.html

2nd Intl Conference on Soft Computing and Computational Mathematics.

September 10–11, 2015. Langkawi, Malaysia.

<http://www.icscdm.com>

Moduli spaces in algebraic geometry and mathematical physics.

September 14–18, 2015. Tianjin, China.

<http://modulispacestianjin2015.altervista.org/>

The 96th Encounter between Mathematicians and Theoretical Physicist: Geometry and biophysics.

September 17–19, 2015. Strasbourg, France.

<http://www-irma.u-strasbg.fr/article1453.html>

III Meeting on Lie systems.

September 21–26, 2015. Warsaw, Poland.

<http://bcc.impan.pl/15LieIII/>

Symposium on Latest Advances in Inverse Problem and its Application to Science and Engineering.

September 23–29, 2015. Rodos, Greece.

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

Asymptotic analysis and spectral theory.

October, 5–7, 2015. Universite Paris-Sud, Orsay, France.

<http://aspect15.blogspot.com.es/>

Controllability of Partial Differential Equations and Applications.

November 9–13, 2015. Marseille, France.

[http://www.cirm-math.fr/spip.php?rubrique2&&EX=liste_rencontre&&\\$annee=2015&&\\$lang=en](http://www.cirm-math.fr/spip.php?rubrique2&&EX=liste_rencontre&&$annee=2015&&$lang=en)

Fourth regional conference in Mathematical Physics.

November 9–14, 2015. Islamabad, Pakistan..

<http://conf.qau.edu.pk>

Higher Structures in String Theory and Quantum Field Theory.

November 16–December 18, 2015. Wien, Viena.

<http://www.esi.ac.at/activities/events/2015/higher-structures-in-string-theory-and-quantum-field-theory>

The second conference of the Polish Society on Relativity: 100 years of General Relativity.

November 23–28, 2015. Warsaw, Poland.

<http://potor.fuw.edu.pl/>

Geometric Partial Differential Equations: surface and Bulk Processes.

November 29–December 5, 2015. Oberwolfach, Germany.

<http://www.mfo.de/www/schedule/2015/all>

Conference on General Relativity.

January 5–9, 2016. Hainan, China.

http://www.ams.org/meetings/calendar/2016_jan_5-9_hainan.html

Connections for Women: Differential Geometry Workshop.

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

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

Introductory workshop to modern Riemannian Geometry.

March 21–25, 2016. Berkeley, California, USA.

<http://www.msri.org/workshops/704>

Kähler Geometry, Einstein Metrics and Generalizations.

March 21–25, 2016. Berkeley, California.

<http://www.msri.org/workshops/704>

7th European Congress of Mathematics.

July 18–22, 2016. Berlin, Germany.

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

Mathematical Council of the Americas.

July 23–28, 2017. Montreal, Canada.

<http://www.mcofamericas.org/latest-news/mathematical-congress-americas-2017-plenary-speakers-are-now-confirmed>

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