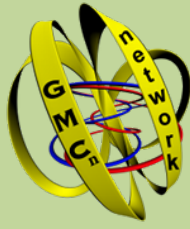


GMC Network Infosheet

July 2016



Geometry, Mechanics and Control Network Infosheet

July 2016

Editors: Rodrigo Sato, Jorge
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Network's activities

XXV International Fall Workshop on Geometry and Physics, IEM-CSIC, Madrid.

29 August-2 September, 2016. Madrid.

<http://www.icmat.es/congresos/2016/XXVIFWGP/index.php>

11th Young Researchers workshop on Geometry, Mechanics and Control.

12-14 January 2017, Tenerife, Islas Canarias, Spain.

<http://gmcnet.webs.ull.es/>

5th Iberoamerican conference on Geometry, Mechanics and Control.

16-20 January 2017, Tenerife, Islas Canarias, Spain.

<http://gmcnet.webs.ull.es/>

Job offers, fellowships and awards

Ph.D. offers

Call for PhD studentships COCINET.

Studentships awarded by the Argentinian "Consejo Nacional de Investigaciones Científicas y Técnicas" (COCINET). Argentina.

Closing date: 1-5 August 2016 for the general call.

<http://www.conicet.gov.ar/se-encuentran-disponibles-las-bases-para-la-convocatoria-a-becas-2016/>

Research studentship in Fluid Dynamics.

The studentship is aimed at contributing to the project "Drops and liquid jets" undertaken by Prof A. A. Castrejon-Pita's Royal Society Research Fellowship.

University of Oxford (UK).

Closing date: 3 August 2016.

<http://www.jobs.ac.uk/job/AN0582>

PhD positions at Scuola Normale Superiore.

There are 6 available positions in Mathematics and 8 in Physics. All the PhD students admitted to the program receive financial support for their research activity and travel.

Scuola Normale Superiore (Pisa, Italy).

Closing date: 30 August 2016.

<http://phd.sns.it/en/>

PhD position in Differential geometry.

The applicant will carry out research in differential geometry and applications to modern physics. Università Cattolica del Sacro Cuore (Brescia, Italy).

Closing date: 31 October 2016.

<https://wis.kuleuven.be/meetkunde/home>

PhD position in theoretical physics.

The new PhD student will study the robustness of mutually coupled networks against perturbations. This includes for example to study nonlinear stochastic dynamical systems.

Max Planck Institute for the Physics of Complex Systems (Germany).

Closing date: Open until filled.

<http://www.all-acad.com/Job/J0205949>

12 PhD positions in Mathematics.

Parameter Identification - Analysis, Algorithms, Applications.

University of Bremen (Germany).

Closing date: Open until filled.

<http://www.uni-bremen.de/en/university/the-university-as-an-employer/job-vacancies/detailansicht/joblist/Job/show/12-phd-positions-2661.html>

Postdoctoral fellowships

Dynamic Optimization and Control Theory.

This research focuses on the utilization of non-convex, non-smooth optimization techniques to solve nonlinear time variant problems of importance to the Air Force.

Air Force Institute of Technology (Ohio, US).

Closing date: 1 August 2016.

<http://nrc58.nas.edu/RAPLab10/Opportunity/Opportunity.aspx?LabCode=13&ROPCD=135000&RONum=B7598>

Dynamics, Navigation, and Control of Robotic Spacecraft.

Research efforts include dynamics, control and theoretical classical-physics studies regarding the rotational mechanics of a rigid body.

Naval Postgraduate School (California, US).

Closing date: 1 August 2016.

<http://nrc58.nas.edu/RAPLab10/Opportunity/Opportunity.aspx?LabCode=62&ROPCD=621003&RONum=B6622>

Call for postdoctoral positions COCINET.

9 positions for Doctoral candidates in Mathematics.

Doctoral positions in different areas.

Mathematics Research Unit of the University of Luxembourg (Luxembourg).

Closing date: Open until filled.

<http://recruitment.uni.lu/en/details.html?PostingId=5926&nPostingTargetId=7912>

3 PhD positions in Applied Geometry at Johannes Kepler University.

Geometric Modeling and Numerical Analysis.

Linz (Austria).

Closing date: Open until filled.

bert.juettler@jku.at

PhD position in manifolds with arbitrary topology.

The aim of the project is the study of manifolds with arbitrary topology and its application to the processing of signals.

Universidad Nacional de Rosario (Argentina).

Closing date: Open until filled.

<https://www.rosario-conicet.gov.ar/ver-posiciones/item/365-candidatos-para-presentarse-a-becas-doctorales-de-conicet-procesamiento>

Positions awarded by the Argentinian “Consejo Nacional de Investigaciones Científicas y Técnicas” (COCINET).

Argentina.

Closing date: 8-12 August 2016 for the general call.

<http://www.conicet.gov.ar/se-encuentran-disponibles-las-bases-para-la-convocatoria-a-becas-2016/>

Postdoc position in Mathematical Physics and Quantum Field Theory in Materials Science.

Position granted by the Mathematical Physics Group of Castilla y León. The group is currently working on mathematical models based in Quantum Field Theory to describe graphene-like materials and topological insulators.

University of Valladolid (Spain).

Closing date: 24 August 2016.

<http://mathphys.uva.es/>

Postdoctoral position at Fordham.

Research in pure and applied mathematics, oriented to collaborations with non-mathematical disciplines.

Fordham University (New York, US).
Closing date: 31 August 2016.
<http://www.mathjobs.org/jobs/jobs/7878>

ETH Zurich Postdoctoral Fellowships.
Junior Postdoctoral Researchers.
ETH Zurich (Switzerland).
Closing date: 1 September 2016.
<https://www.ethz.ch/en/research/research-promotion/eth-internal-programmes/eth-fellowships.html>

Postdoctoral position at Princeton.
Domains of interest include nonlinear partial differential equations, computational fluid dynamics, dynamical systems, numerical analysis, stochastic problems and others.
Princeton University (New Jersey, US).
Closing date: 1 September 2016.
<http://www.mathjobs.org/jobs/jobs/7407>

Postdoctoral position in Mathematical Physics.
The postdoctoral fellow will take part in rigorously establishing scaling laws and macroscopic relations associated with stochastic processes in random environments.
Inria (France).
Closing date: 30 September 2016.
<http://www.all-acad.com/Job/J0209494/>

Lectureship in Pure Mathematics.
Three-year position, intended for young scientists with a PhD degree.
University of Zurich (Switzerland).
Closing date: 30 September 2016.
<http://www.all-acad.com/Job/J0209954>

Offers for researchers

German Research Chair “Mathematics and its Applications”.
African Institute for Mathematical Sciences.
Limbe (Cameroon).
Closing date: 1 August 2016.
https://www.humboldt-foundation.de/web/docs/F9475137/programme_information.pdf

2 Assistant Professors.
Algebra and Analysis.
Universidad Complutense (Madrid, Spain).
Closing date: 4 August 2016.
<https://www.ucm.es/profesor-ayudante-doctor>

Junior-Professorship for Pure Mathematics.

Postdoctoral and mid-career positions at Princeton.
Several positions at the Institute for Advanced Study School of Mathematics.
Princeton (New Jersey, US).
Closing date: 1 December 2016.
<https://www.mathjobs.org/jobs/jobs/8781>

3 postdoctoral positions in Applied Geometry at Johannes Kepler University.
Geometric Modeling and Numerical Analysis.
Linz (Austria).
Closing date: Open until filled.
bert.juettler@jku.at

Humboldt Research Fellowship for Postdoctoral Researchers.
6-24 month research programs.
Alexander von Humboldt Foundation.
Closing date: Open.
<https://www.humboldt-foundation.de/web/humboldt-fellowship-postdoc.html>

Lisa Meitner Program.
FWF Austrian Science Fund.
Vienna (Austria).
Closing date: Open.
<https://www.fwf.ac.at/en/research-funding/application/>

Funded postdoctoral fellowship.
Department of Mathematics and Statistics.
University of Reading.
Closing date: Open.
<https://www.reading.ac.uk/maths-and-stats/JobsAndFellowships/maths-fellowships.aspx>

Faculty of Mathematics and Computer Science.
Georg August University Göttingen (Germany).
Closing date: 24 August 2016.
<https://www.mathjobs.org/jobs/jobs/8284>

Assistant Professor.
Mathematics Department.
Universidad de los Andes (Bogotá, Colombia).
Closing date: 18 September 2016.
<http://matematicas.uniandes.edu.co/index.php/home/convocatorias/jobs>

Associate/Full Professor Mathematics.
Johann Bernoulli Institute for Mathematics and Computer Science.

University of Groningen (Netherlands).

Closing date: 22 September 2016.

<http://www.all-acad.com/Job/C1501467>

Associate Professor for Mathematics and its Didactics.

Faculty of Science, Technology and Communication.

University of Luxembourg (Luxembourg).

Closing date: 23 September 2016.

<http://recruitment.uni.lu/en/details.html?nPostingTargetID=8370>

Lectureship in Pure Mathematics.

Institute of Mathematics.

University of Zurich (Switzerland).

Closing date: 30 September 2016.

<https://www.math.uzh.ch/index.php?file&key1=41034>

Faculty positions in mathematics at ICTS-TIFR, Bangalore.

International Centre for Theoretical Sciences.

Bangalore (India).

Closing date: 30 September 2016 and 1 January 2017.

<https://www.mathjobs.org/jobs/jobs/8896>

Two tenure track positions in Geometry.

Applications for the S.S. Chern Chair, and the J. Simons Chair, sponsored by the Simons Foundation and the Brazilian Ministry of Science and Technology.

Instituto Nacional de Matemática Pura e Aplicada (Brazil).

Closing date: 31 October 2016.

<https://www.mathjobs.org/jobs/jobs/8368>

Assistant Professor.

Institute for Mathematical Sciences.

Stony Brook University (New York, US).

Closing date: 31 October 2016.

<https://www.mathjobs.org/jobs/jobs/8824>

Associate/Assistant Professor in Mathematics.

Department of Mathematics, College of Letters and Science.

University of Wisconsin (Wisconsin, US).

Closing date: 1 November 2016.

<https://www.all-acad.com/Job/J0209500>

Six faculty positions in Mathematics.

Department of Mathematics at Iztapalapa Campus.

Autonomous Metropolitan University (Mexico).

Closing date: Open until filled.

<http://www.mathjobs.org/jobs/jobs/8584>

Offers for visiting researchers

Invitation Fulbright speakers.

Fulbright Commission.

Invitation to Fulbright speakers for a period of 2-6 weeks for research and seminars in Spain..

Closing date: July 2016–June 2017.

<http://www.fulbright.es/convocatorias/ver/1512/ayudas-para-que-instituciones-espanolas-inviten-a-conferenciantes-fulbright-para-un-periodo-maximo-de-dos-semanas/2016-2017>

BCAM Visiting fellow program.

Basque Center of Applied Mathematics.

Duration of the Visiting Fellowship is normally between 1 and 6 months. The Visiting Fellows Program involves a contract between BCAM and the researcher or an agreement with the researchers institution..

Closing date: 15 September 2016.

<http://www.bcamath.org/es/research/job>

Twass: fellowship for research.

The world academy of science.

For researchers from developing countries.

TWAS offers fellowships to young scientists in developing countries to enable them to spend three to 12 months at a research institution in a developing country other than their own **Closing date: October 2016.**

<http://twas.org/opportunity/twas-fellowship-s-research-and-advanced-training>

Visiting research fellow in Oxford.

Mathematical Institute-University of Oxford.

Closing date: Open.

<https://www.maths.ox.ac.uk/members/visitors/visiting-research-fellows>

Visiting researchers at AIMS.

African Institute for Mathematical Sciences.

Interested researchers may apply to visit for short (2-week) or longer periods. Research fellows may conduct their own research at AIMS, participate in the teaching programmes and give talks in the journal club. Visits to local universities can be arranged..

Closing date: Open.

<https://www.aims.ac.za/en/research-centre/fellowships>

Cheryl E. Praeger Visiting Research Fellowship.

University of Western Australia.

Recipients of the fellowship are expected to participate in education, e.g. via lectures, and to participate in collaborative research with members of the School of Mathematics and Statistics and the Centre for the Mathematics of Symmetry and Computation (CMSC) during a visit of at least two weeks..

Closing date: Annually open.

<http://www.maths.uwa.edu.au/research/Visiting-Research-Fellowship>

Aarhus Universitets.

Aarhus University Research Foundation.

Research in Denmark.

For visiting researchers collaborating with the Aarhus University **Closing date: Open calls.**

<http://auff.au.dk/en/grants/application/>

Research in pairs in the Mathematisches Forschungsinstitut Oberwolfach.

Mathematisches Forschungsinstitut Oberwolfach. Oberwolfach, Germany.

2-4 people on research stay between 2 weeks and 3 months. Required: not all participants coming from the same place. The Institute will provide office space, full board and lodging. 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>

Focused research groups.

Banff International Research Station.

Banff, Alberta, Canada.

Up to 8 researchers from different institutions to live and work at the BIRS facility for periods of 1 to 2 weeks.

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.

Closing date: No precise deadline: 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: Open all year.**

<http://www.cirm-math.com/rip-applicants.html>

Call for Visiting Professors at CIRM.

Fondazione Bruno Kessler.

Trento University, Trento, Italy.

CIRM Visiting Scholars will perform mathematical research in cooperation with researchers of the Trento area. CIRM Visiting Professors will hold short Ph.D. courses, or series of seminars.

Closing date: Applications three months before planned stay.

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

Visiting the ICMAT.

ICMAT.

Madrid, Spain.

Host for researchers for a period 1 to 12 months, preferably having a research plan and a scientific connection with ICMAT researchers. Visitors will be provided with office space and working facilities and house-finding assistance if necessary. No financial support will be provided for these visits. Resolution no later than one month after submission.

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.

2-3 people from Universities located in different towns, who intend to work on a definite research project from 1 to 6 weeks). Applicant partners must submit a scientific project in the field of mathematics resulting in one or more scientific publications on journals of excellent mathematical level; Participants in the RIP Program will also give occasional research seminar talks at the CIRM or at the University of Trento. 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.

Host for researchers from at least months, 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 working facilities and house-finding assistance. Support for housing expenses can be requested. Visits should be carried out during the academic year (from September to July). Resolutions no later than three months after submission

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/Host/VisitingCRM/Pages/ResearchPairs.aspx>

Visiting the IMUS.

IMUS.

University of Sevilla, Spain.

Hosting researchers from 1 to 12 months. Priority to researchers having a research plan to be developed in collaboration with IMUS members. Visitors will be provided with facilities at the Institute and house-finding assistance. No financial support will be provided. Resolutions within one month after the submission.

Closing date: Applications can be submitted any time, from 2 months to 1 year in advance.

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

Awards

AMTE award.

Association of Mathematics Teacher Educators

Closing date: September 15th, 2016.

<https://amte.net/about/awards>

The world Academy of Science of developing countries **Closing date:** No precise deadline.

<http://twas.org/opportunity/abdus-salam-medal>

Humphreys Award.

Award for mentorship of undergraduate women in Mathematics **Closing date:** April 30, Year N for the Year N+1 Award.

<https://sites.google.com/site/awmmath/programs/humphreys-award>

SIAM student paper prize.

The SIAM Student Paper Prize is awarded every year to the student author(s) of the most outstanding paper(s) submitted to the SIAM Student Paper Competition. **Closing date:** February 2017.

https://www.siam.org/prizes/nominations/nom_student.php

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>

ECCOMAS young investigators awards.

For young scientists in the field of Computational Engineering/Mathematical Sciences **Closing date:** December 2017.

<http://www.eccomas.org/vpage/1/2/Young-Investigators-Awards>

Abdus Salam Medal.

Financial support for research projects and conferences

Financial support for attendance to conferences.

RSME **Deadline:** No precise deadline.

<http://www.rsme.es/content/blogcategory/64/117/>

<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/>

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.

International Mathematical Union-Conference support program.

Commission for developing countries. This program gives partial support (max. EURO 3,500)

to conferences in the mathematical sciences The funds are for academic use only (travel or living expenses of invited speakers or participants coming from developing countries). **Deadline: No precise deadline but 4 months in advance to the Grant Selection.**

<http://www.mathunion.org/cdc/grants/conference-support-program/>

Financial support for organizing scientific conferences.

SNSF **Deadline: All year round.**

<http://www.snf.ch/en/funding/science-communication/scientific-conferences/Pages/default.aspx>

Interesting news and publications

Journal of Geometric Mechanics (JGM).

Volume 8, Number 2, June 2016.

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

IMU-Net 77.

May 2016.

<http://www.mathunion.org/imu-net-077/>

ICMAT Newsletter.

12th number.

<http://www.icmat.es/outreach/newsletter/num12>

New AIMS Journal.

New open access journal.

<http://www.aimspress.com/journal/Math>

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/>

Jobs for Mathematicians.

Academic and other math jobs <https://www.mathjobs.org/jobs>

Offers on Doctoral fellowships and contracts.

2018 CIMPA Research Schools call for projects.

CIMPA **Deadline: October 1st, 2016.**

<http://cimpa.info/actualites/article/2018-cimpa-research-schools-call?lang=fr>

Hosting a workshop at AIMS South Africa.

AIMS South Africa will make a contribution to the cost of the workshop provided that funding is available, and that the workshop falls within one of its research focus areas. **Deadline: No precise deadline.**

<https://www.aims.ac.za/en/research-centre/workshops-conferences/hosting-a-workshop-at-aims>

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

Women and Math.

<http://mym.rsme.es/>

Academic positions in Spain, France and Belgium.

Mathematics and Physics related areas <http://postes.smai.emath.fr/postdoc/>

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.

<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=&positions\[\]=post-doc&gclid=CI2AgK6-7MUCFc_I tAodMCEAIQ](http://academicpositions.eu/?s=&positions[]=post-doc&gclid=CI2AgK6-7MUCFc_I tAodMCEAIQ)

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/>

www.madrimasd.org/

Courses online of Mathematics, Physics and other disciplines.

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>

The American Mathematical Society bookstore.

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

Network's members preprints and papers

Iakovos Androulidakis and Marco Zambon: *Almost regular Poisson manifolds and their holonomy groupoids.*

1606.09269 (version 2)
[math.SG, math.DG]

M. de León and C. Sardón: *A geometric approach to solve time dependent and dissipative Hamiltonian systems.*

1607.01239
[math-ph, math.MP]

Eva Miranda and Arnau Planas: *Equivariant classification of b^m -symplectic surfaces and Nambu structures.*

1607.01748
[math.SG]

Álvaro Pelayo and Xiudi Tang: *Moser stability for volume forms on noncompact fiber bundles.*

1607.03800
[math.SG, math.DG]

V. M. Jiménez, M. de León and M. Epstein: *Lie groupoids and algebroids applied to the study of uniformity and homogeneity of material bodies.*

1607.04043
[math.DG]

Beniamino Cappelletti-Montano, Antonio De Nicola, Juan Carlos Marrero and Ivan Yudin: *Hard Lefschetz theorem for Vaisman manifolds.*

1510.04946 (version 3)
[math.DG, math.SG, 53C25, 53C55, 53D35]

Yohann Le Floch and Álvaro Pelayo: *Symplectic geometry and spectral properties of classical and quantum coupled angular momenta.*

1607.05419
[math-ph, math.MP, math.SG, math.SP]

Leonardo Colombo and Pedro D. Prieto-Martínez: *Regularity properties of fiber derivatives associated with higher-order mechanical systems.*

1602.02717 (version 2)
[math-ph, math.MP, 70H50, 53D05, 53D12]

Xavier Gràcia, Tomás Sanz-Perela: *The wave equation for stiff strings and piano tuning.*

1603.05516
[physics.class-ph, math.GM, physics.pop-ph, 00A65, 35G16, 35L05, 74K05]

Ángel Ballesteros, Iván Gutiérrez-Sagredo and Pedro Naranjo: *On Hamiltonians with position-dependent mass from Kaluza-Klein compactifications.*

1605.06829 (version 3)
[hep-th, gr-qc, math-ph, math.MP]

Network's collaborators preprints and papers

Matteo Petrera and Yuri B. Suris: *A construction of a large family of commuting pairs of integrable symplectic birational 4-dimensional maps.*

1606.08238
[nlin.SI, math-ph, math.AG, math.MP, math.SG]

- M Gadella, LP Lara and J. Negro: *Approximation methods for the calculation of eigenvalues in ODE with periodic or anti periodic boundary conditions: Application to nanotubes.*
1606.09173
[physics.comp-ph, math-ph, math.MP, math.NA, 34B60]
- Riccardo Giachetti and Vincenzo Grecchi: *Bender-Wu singularities.*
1607.00190
[quant-ph, math-ph, math.MP]
- Manuel Asorey: *Space, matter and topology.*
1607.00666
[cond-mat.mes-hall, hep-th, math-ph, math.MP, physics.pop-ph, quant-ph]
- Samir Bedrouni and David Marín: *Tissus plats et feuilletages homogènes sur le plan projectif.*
1607.00877 (version 2)
[math.DS, math.CA, math.CV, math.DG, 14C21, 32S65, 53A60]
- Catherine Meusburger: *Kitaev lattice models as a Hopf algebra gauge theory.*
1607.01144
[math.QA, math-ph, math.MP]
- H. Hassanabadi, M. Hosseinpour and M. de Montigny: *Duffin-Kemmer-Petiau equation in curved space-time with scalar linear interactions.*
1607.01418
[math-ph, math.MP]
- Alberto S. Cattaneo and Michele Schiavina: *On time.*
1607.02412
[math-ph, gr-qc, hep-th, math.MP, math.SG, 81T70 (Primary) 70805, 83C47, 81T45 (Secondary)]
- Francesco Bonechi, Alberto S. Cattaneo and Riccardo Iraso: *Comparing Poisson sigma model with A-model.*
1607.03411
[hep-th, math-ph, math.MP, math.QA]
- Inês Cruz, Helena Mena-Matos and M. Esmeralda Sousa-Dias: *Multiple reductions, foliations and the dynamics of cluster maps.*
1607.03664
[math.SG, 53D17, 53D05, 53C12 (Primary), 39A20, 13F60 (Secondary)]
- Giovanni Landi: *Twisted sigma-model solitons on the quantum projective line.*
1607.03834
[math.QA, math-ph, math.MP]
- Andrew Dancer and Andrew Swann: *Hypertoric manifolds and hyperKähler moment maps.*
1607.04078
[math.DG, 53C26]
- Matteo Petrera and Yuri B. Suris: *A construction of commuting systems of integrable symplectic birational maps.*
1607.07085
[nlin.SI, math-ph, math.AG, math.MP, math.SG]
- N. Aizawa and J. Segar: *Aspects of infinite dimensional ℓ -super Galilean conformal algebra.*
1607.07147
[math-ph, math.MP]
- Henry Kibler and Dirk Kreimer: *Diagrammatic cancellations and the gauge dependence of QED.*
1607.05729
[hep-th, math-ph, math.MP]
- Richard Cushman and Jędrzej Sniatycki: *Bohr-Sommerfeld-Heisenberg quantization of the 2-dimensional harmonic oscillator.*
1207.1477 (version 2)
[math.SG, math.DG, 81S10]
- Ivan Contreras, Elisa Ercolessi and Michele Schiavina: *On the geometry of mixed states and the Fisher information tensor.*
1501.00054 (version 2)
[math-ph, math.MP, quant-ph, 81S99]
- C. J. Cotter, J. Eldering, D. D. Holm, H. O. Jacobs and D. M. Meier: *Weak dual pairs and jetlet methods for ideal incompressible fluid models in $n \geq 2$ dimensions.*
1503.07650 (version 2)
[physics.flu-dyn, math-ph, math.DS, math.MP, math.SG, 37K65 (Primary), 37K05, 35Q35, 65P10 (Secondary)]
- N. Aizawa, Z. Kuznetsova and F. Toppan: *Invariant PDEs of conformal Galilei algebra as deformations: cryptohermiticity and contractions.*
1506.08488 (version 2)
[math-ph, hep-th, math.MP]
- Jonathan Lorand and Alan Weinstein: *Decomposition of (co)isotropic relations.*
1509.04035 (version 2)
[math.SG, 15A21, 18B10, 53D99]
- David Bermudez, David J. Fernández C. and Javier Negro: *Solutions to the Painlevé V equation through supersymmetric quantum mechanics.*

1512.01936 (version 2)
[math-ph, math.CA, math.MP, math.QA,
nlin.SI, quant-ph]

Tiffany Covolo, Janusz Grabowski and Norbert
Poncin: *The category of $\{Z\}$ - 2^n -supermanifolds.*
1602.03312 (version 2)
[math.DG, math-ph, math.MP, 17A70, 58A50,
13F25, 16L30]

Simonetta Abenda: *On a family of KP multi-
line solitons associated to rational degenerations
of real hyperelliptic curves and to the finite non-
periodic Toda hierarchy.*
1605.00995 (version 2)

[math-ph, math.MP, 37K40, 37K20, 14H50,
14H70]

Andronikos Paliathanasis and P. G. L. Leach:
*Analytical solutions in $R+qR^{\{n\}}$ cosmology from
singularity analysis.*

1605.04204 (version 2)
[gr-qc, math-ph, math.MP]

Henrique Bursztyn, Hudson Lima and Eckhard
Meinrenken: *Splitting theorems for Poisson and
related structures.*

1605.05386 (version 2)
[math.DG, math.SG]

Other Conferences

Lie Pseudo-groups and their invariants.

1–10 August, 2016. Wysła, Poland.
<http://baltinmat.diffiety.org/events/event/lie-pseudo-groups-invariants/>

Operator algebras and Mathematical Physics.

1–12 August, 2016. Tohoku, Japan.
<http://www.ms.u-tokyo.ac.jp/~yasuyuki/msj-si2016.htm>

Subriemannian geometry and celestial mechanics: a conference to celebrate the 60th birthday of Richard Montgomery.

3–5 August, 2016. Guanajuato, Mexico.
<http://montgomery.eventos.cimat.mx/>

SIAM Conference on Nonlinear Waves and Coherent Structures (NWCS16).

8–11 August, 2016. Philadelphia, Pennsylvania.
<http://www.siam.org/meetings/nwcs16/index.php>

23rd European Conference on Few-Body Problems in Physics.

8–12 August, 2016. Aarhus, Denmark.
<http://users-physics.au.dk/efb23/home.php>

21st International Summer School on Global Analysis and Applications.

15–19 August, 2016. Poprad, Slovakia.
<http://www.lepageri.eu/summer-school>

Conference on Methods of Modern Mathematical Physics.

22–26 August, 2016. Fields Institute, Toronto, Canada.

<https://www.fields.utoronto.ca/programs/scientific/16-17/modern-physics/>

Waves in Science and Engineering.

22–26 August, 2016. Queretaro, Mexico.
<http://qro.cinvestav.mx/index.php/wise2016>

Sirince Summer School in Mathematical Physics.

22 August–4 September, 2016. Sirince, Turkey.
<https://matematikoyu.org/eng/events/2016-fizik/index.php>

Methods of Modern Mathematical Physics.

22–26 August, 2016. Fields Institute, Toronto, Canada.
www.fields.utoronto.ca/activities/16-17/modern-physics

10th IFAC Symposium on Nonlinear Control Physics.

23–25 August, 2016. Marriott Hotel Monterey, California.
https://www.math.ucdavis.edu/static/conferences/nolcos_2016/

XIX Geometrical Seminar.

28 August–4 September, 2016. Zlatibor, Serbia.
<http://tesla.pmf.ni.ac.rs/people/geometrijskiseminarxix/index.php>

Stochastic and Analytic Methods in Mathematical Physics.

29 August–2 September, 2016. CRM, Montreal, Canada.
<http://www.mathphys.org/Armenia2016/>

XXV International Fall Workshop on Geometry and Physics, IEM-CSIC, Madrid.
29 August–2 September, 2016. Madrid.
<http://www.icmat.es/congresos/2016/XXVIFWGP/index.php>

Geometric Structures, Lie Theory and Applications.
1–2 September 2016. Rio de Janeiro, Brazil.
<http://www.sbm.org.br/jointmeeting-italy/special-sessions/>

Stochastic and Analytic Methods in Mathematical Physics .
4–11 September, 2016. Yerevan, Armenia..
<http://www.mathphys.org/Armenia2016/>

Multi-Higgs Workshop on Multi-Higgs Models.
6–9 September, 2016. Lisbon, Portugal.
<http://cftp.ist.utl.pt/~2hdmwork/>

Many-Body Quantum Systems and Effective Theories.
11–17 September, 2016. Oberwolfach, Germany.
<http://www.mfo.de/www/schedule/2016/all>

Theory and Numerics of Inverse Scattering Problems.
18–24 September, 2016. Oberwolfach, Germany.
<http://www.mfo.de/www/schedule/2016/all>

NEB 17 - Recent developments in Gravity.
19–22 September 2016. Mykonos, Greece.
<http://www.hsrgc.gr/activities.html>

X workshop of young researchers in Mathematics 2016.
19–23 September, 2016. Madrid, Spain.
<https://blogs.mat.ucm.es/wjm/>
<https://blogs.mat.ucm.es/wjm/>

Geometric flows and the geometry of space-time.
19–23 September 2016. Hamburg, Germany.
<http://www.math.uni-hamburg.de/gf2016/>

50th Seminar “Sophus Lie”.
25 September- 01 October, 2016. Będlewo, Poland.
<http://50sls.impan.pl/>

QMath Mathematical Results in Quantum Physics.
1–8 October, 2016. Atlanta, USA.
<http://qmath13.gatech.edu/>

The Mathematics of disorder.
4–8 October, 2016. Bonn, Germany.
<http://www.iam.uni-bonn.de/disorderyw2016/>

Second French-Russian conference on Random Geometry and Physics.
17–21 October, 2016. Institut Henri Poincare, Paris, France.
<http://www.rivasseau.com/RGPHomepage.html>

Nonlinear integrable systems- a workshop to honor Orlando Ragnisco 70th anniversary.
20–22 October, 2016. Burgos, Spain.
<https://integrabilityworkshop.wordpress.com/>

UFBS16 Universality in Few-Body Systems.
7 November–16 December 2016, Santa Barbara, CA, US.
<http://www.aps.org/meetings/meeting.cfm?name=UFBS16>

11th Young Researchers workshop on Geometry, Mechanics and Control.
12–14 January 2017, Tenerife, Islas Canarias, Spain.
<http://gmcnet.webs.ull.es/>

Iberoamerican conference on Geometry, Mechanics and Control.
16–20 January 2017, Tenerife, Islas Canarias, Spain.
<http://gmcnet.webs.ull.es/>

Bangkok Workshop on Discrete Geometry and Statistics.
30 January-3 February 2017. Bangkok. Thailand.
<http://thaihep.phys.sc.chula.ac.th/BKK2017DSCR/>

INI Workshop HTLW03 Physics and knot homologies.
10–13 April 2017. Cambridge, United Kingdom.
<http://www.newton.ac.uk/event/htlw03>

Methods in Geometry and Physics.
5–7 May 2017, Allerton, IL, United States.
<http://schapos.people.uic.edu/Steve.html>

SIAM conference on applications of dynamical systems.
21–25 May, 2017. Snowbird, Utah, US.
<http://www.siam.org/meetings/calendar.php>

Mathematical aspects of the physics with non-self-adjoint operators.

5–9 June, 2017. Marseille, France.

<http://gemma.ujf.cas.cz/~david/Conferences.htm>

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11th International Conference on Clifford Algebras and Their Applications in Mathematical Physics.

7–11 August 2017. Ghent, Belgium.

<http://www.icca11.ugent.be/>

Mathematical Questions and Challenges in Quantum Electrodynamics and its Applications .

10–16 September 2017, Oberwolfach, Germany.

<http://www.mfo.de/www/schedule/2017/all>

Classical and Quantum Mechanical Models of Many-Particle Systems .

3–9 December 2017, Oberwolfach, Germany.

<http://www.mfo.de/www/schedule/2017/all>

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