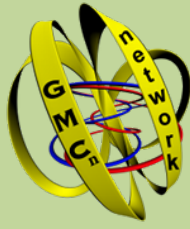


GMC Network Infosheet

May 2016



Geometry, Mechanics and Control Network Infosheet

May 2016

Editors: Rodrigo Sato, Jorge
Jover, Cristina Sardón

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Network's activities

10th ICMAT International Summer School on Geometry, Mechanics and Control.

19–24 June 2016. La Cristalera, Miraflores de la Sierra, Madrid, Spain.

<http://gmcnet.webs.ull.es/?q=node/1656>

11th AIMS conference on dynamical systems, Differential equations and applications.

1–5 July 2016, Orlando, Florida, USA.

<https://aims sciences.org/conferences/2016/index.html>

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>

Job offers, fellowships and awards

Ph.D. offers

Research fellow (PhD candidate) in pure mathematics.

Research in one of the topics represented in the department: algebra, algebraic geometry, mathematical analysis and topology. English language proficiency required.

Department of Mathematics, University of Bergen (Norway).

Closing date: 2 June 2016.

<https://www.jobbnorge.no/en/available-jobs/job/123370>

2 PhD positions in mathematics.

Research in one of the topics represented in the department.

Department of Mathematics, Universidad Autónoma de Madrid (Spain).

Closing date: 6 June 2016.

http://web.uam.es/servicios/administrativos/pdi/especifica/c/16_17/convocatorias/convocatorias.html

Predocutorial grant in Algebraic Geometry at the University of Porto.

Main research areas of the project: Algebraic Surfaces; Moduli spaces, especially of Higgs bundles.

University of Porto (Portugal).

Closing date: 9 June 2016.

<http://cmup.fc.up.pt/cmup/pbgothen/gav/BI2016.html>

PhD positions at Bielefeld University.

Research on advanced techniques of Analysis together with latest developments in Mathematical Physics, Geometry and Probability Theory. Bielefeld University (Germany).

Closing date: 21 June 2016.

<http://www.all-acad.com/Job/J0207162>

PhD Studentship: Analysing the nonlinear dynamics of drill strings using control-based continuation.

Engineering Mathematics. University of Bristol (UK).

Closing date: 1 August 2016.

<http://www.jobs.ac.uk/job/AN0475>

PhD position in algebra/algebraic geometry.

Research in combinatorial, computational, and applied aspects of algebra and algebraic geometry.

Postdoctoral fellowships

3 postdoctoral research grants.

The Centre for Mathematics of the University of Coimbra invites applications for three one-year Postdoctoral research grants, starting September 2016.

University of Coimbra (Portugal).

Closing date: 3 June 2016.

<http://www.eracareers.pt/opportunities/index.aspx?task=global&jobId=75274>

Research Associate (Fixed Term).

The applicant must have a demonstrable research track record in algebraic geometry or a related discipline, and experience in one or more of the following areas: explicit constructions in algebraic geometry; toric or tropical geometry; mirror symmetry (including the Gross-Siebert program). University of Cambridge (UK).

Closing date: 18 June 2016.

<http://www.jobs.cam.ac.uk/job/10397/>

POLONEZ fellowship program.

Funding programme addressed to incoming researchers who may apply for 12- or 24-month fellowships in host institutions in Poland.

National Science Centre (Poland).

Closing date: 15 June 2016.

<http://www.ncn.gov.pl/polonez?language=en>

Geometry and topology of manifolds.

Scientific research into current topics in topology, algebraic and differential geometry and their

University of Bern (Switzerland).

Closing date: Open until filled.

<http://www.all-acad.com/Job/J0203959>

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?nPostingId=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.

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applications and interactions with other areas of mathematics.

University of Bologna (Italy).

Closing date: 20 June 2016.

<http://www.all-acad.com/Job/C1419682>

Research Associate (post doc) in Mathematics (Geometry).

Work within the Mathematics Research Unit in the domain of Differential Geometry, Geometric Analysis, geometric structures or pseudo-Riemannian geometry.

University of Luxembourg (Luxembourg).

Closing date: 30 June 2016.

<http://www.all-acad.com/Job/C1433093>

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>

Research associate position in Mathematics.

Research area: Higher Geometry, Homotopical Algebra and Mathematical Physics. Duration from 2 to 5 years.

University of Luxembourg (Luxembourg).

Closing date: 28 August 2016.

<http://recruitment.uni.lu/en/details.html?nPostingId=5930&nPostingTargetId=7927>

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).

Offers for researchers

Adjunct Faculty Open Rank in Brooklyn, New York.

Multiple positions in Mathematics and Physics. New York City College of Technology (New York, US).

Closing date: Open until filled (review begins 6 June 2016).

<http://www.all-acad.com/Job/J0206979>

Two senior lecturers in Mathematics.

Department of Mathematical Sciences.

Closing date: 1 September 2016.

<http://www.mathjobs.org/jobs/jobs/7407>

Postdoc position in algebra/algebraic geometry.

1-year postdoc position. Research in combinatorial, computational, and applied aspects of algebra and algebraic geometry.

University of Bern (Switzerland).

Closing date: Open until filled.

<http://www.all-acad.com/Job/J0203960>

3 postdoc 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>

University of Gothenburg (Sweden).

Closing date: 7 June 2016.

<http://www.all-acad.com/Job/J0205315>

Metric measure spaces and Ricci curvature analytic, geometric, and probabilistic challenges.

Hausdorff Center for Mathematics.

University of Bonn (Germany).

Closing date: 15 June 2016.

<https://www.mathjobs.org/jobs/jobs/8732>

Two faculty members in Mathematics.

Department of Mathematics.

Bard Early Colleges (Maryland, US).

Closing date: 1 July 2016.

<http://www.mathjobs.org/jobs/jobs/8740>

UTRCI Research Scientist, Control Systems.

Control and Decision Support group.

United Technologies Research Centre Ireland.

Closing date: 7 July 2016.

<http://www.jobs.ac.uk/job/ANQ510>

Research associate position in Mathematics.

Faculty of Sciences, Technology and Communication.

University of Luxembourg (Luxembourg).

Closing date: 28 August 2016.

<http://www.all-acad.com/Job/J0203510>

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>

Adjunct Faculty of Mathematics or Physics.

Department of Mathematics and Physics.

CSU-Pueblo (Colorado, US).

Closing date: Open until filled.

<http://www.all-acad.com/Job/J0198916>

Physics Instructor.

Department of Engineering Technology.

Savannah State University (Georgia, US).

Closing date: Open until filled.

<https://jobs.savannahstate.edu/postings/1252>

Assistant Professor of Mathematics.

Department of Math and Computer Science.

South Carolina State University (South Carolina, US).

Closing date: Open until filled.

<https://jobs.scsu.edu/applicants/jsp/shared/position/JobDetails.jsp>

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>

Assistant Professor of Mathematics.

Teaching mathematics courses including Algebra, Calculus, and Differential Equations. Ability to teach Physical sciences is positively regarded (not required).

Belmont Abbey College (North Carolina, US).

Closing date: Open until filled.

<http://www.mathjobs.org/jobs/jobs/8648>

Scientist at Los Alamos.

Physics of Condensed Matter and Complex Systems Group at Theoretical Division.

Los Alamos National Laboratory (New Mexico, US).

Closing date: Open.

https://jobszp1.lanl.gov/OA_HTML/RF.jsp?function_id=14330

Offers for visiting researchers

Research stay in Spain for US researchers.

Fulbright Spain.

2-6 weeks in Spain.

For Spanish institutions hosting a US researcher for collaboration in research. **Closing date: 24 June 2016.**

<http://www.fulbright.es/convocatorias/ver/1510/ayudas-para-que-instituciones-espanolas-inviten-a-especialistas-estadounidenses-para-estancias-de-dos-a-seis-semanas/2016-2017>

Invitation to Fulbright speakers.

Fulbright Spain.

2 weeks in Spain.

Invite US Fulbright holders as speakers in a Spanish institution. **Closing date: 28 July 2016.**

<http://www.fulbright.es/convocatorias/ver/1474/ayudas-para-que-instituciones-espanolas-inviten-a-conferenciantes-fulbright-para-un-periodo-maximo-de-dos-semanas/2015-2016>

Twas: 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 devel-

oping country other than their own **Closing date: October 2016.**

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

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. Dates: Organizers may suggest any Sunday to Sunday period of 1 to 2 weeks from January 10 to December 4, 2016. **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.

Awards

Coxeter-James Prize.

Canadian Mathematical Society **Closing date:** June 2016.

<https://cms.math.ca/Prizes/cj-nom>

Presidential Awards for Excellence in Science, Mathematics and Engineering Mentoring (PAESMEM).

National Science Foundation **Closing date:** All Full Nominations due on June 17, 2016.

<http://www.nsf.gov/pubs/2016/nsf16534/nsf16534.htm>

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>

Abdus Salam Medal.

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>

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

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

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

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>

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/>

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/>

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>

2018 CIMPA Research Schools call for projects.

CIMPA Deadline: October 1st, 2016.

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

Interesting news and publications

Journal of Geometric Mechanics (JGM).

Volume 8, Number 1, March 2016.

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

IMU-Net 76.

March 2016.

<http://www.mathunion.org/imu-net/archive/2016/imu-net-076/>

IMU-Net 76b.

Special Issue.

<http://www.mathunion.org/imu-net/archive/2016/imu-net-076b/>

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>

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>

Offers on Doctoral fellowships and contracts.

<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/>

Math and its boundaries.

Those interested in publishing something, contact 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=&positions\[\]=post-doc&gclid=C12AgK6-7MUCFc_I tAodMCEAIQ](http://academicpositions.eu/?s=&positions[]=post-doc&gclid=C12AgK6-7MUCFc_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/>

Network's members preprints and papers

Alberto Ibort and Amelia Spivak: *Covariant Hamiltonian field theories on manifolds with boundary: Yang-Mills theories.*

1506.00338 (version 2)

[math-ph, math.DG, math.MP, math.SG, 37K, 70H, 53Z]

Victor Guillemin, Eva Miranda, Ana Rita Pires and Geoffrey Scott: *Convexity for Hamiltonian torus actions on b-symplectic manifolds.*

1412.2488 (version 2)

[math.SG, math.DG, 53D05, 53D17, 53D20]

Anna Kiesenhofer and Eva Miranda: *Cotangent models for integrable systems.*

1601.05041 (version 3)

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

Alberto Ibort and Amelia Spivak: *On a covariant Hamiltonian description of Palatini's gravity on manifolds with boundary.*

1605.03492

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

David Martínez Torres and Eva Miranda: *Weakly Hamiltonian actions.*

1602.03542 (version 2)

[math.SG]

Manuel de León and Cristina Sardón: *A geometric Hamilton-Jacobi theory for a Nambu-Poisson structure.*

1604.08904

[math-ph, math.MP]

Manuel F. Rañada: *Superintegrable systems with a position dependent mass : Kepler-related and Oscillator-related systems.*

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>

1605.02336

[math-ph, math.MP, 37J35, 70H06]

Jose F. Cariñena, Manuel Fernández-Rañada and Mariano Santander: *A new look at the Feynman 'hodograph' approach to the Kepler first law.*

1605.01204

[math-ph, math.MP, physics.class-ph, 70F05, 51N20, 53A04]

Angel Ballesteros, Francisco J. Herranz, Sengul Kuru and Javier Negro: *The anisotropic oscillator on curved spaces: A new exactly solvable model.*

1605.02384

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

Luis C. García-Naranjo and Fernando Jiménez: *On the geometric discretisation of the Suslov Problem.*

1605.02666

[math.NA, math-ph, math.DS, math.MP]

Elena Celledoni, Marta Farré Puiggali, Eirik Hoel Høiseth and David Martín de Diego: *Energy-preserving integrators applied to nonholonomic systems.*

1605.02845

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

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

1605.06829

[hep-th, gr-qc, math-ph, math.MP]

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

1605.05386

[math.DG, math.SG]

Giovanni Bazzoni, Indranil Biswas, Marisa Fernández, Vicente Muñoz and Aleksy Tralle: *Homotopic properties of Kähler orbifolds.*

1605.03024

[math.DG, math.AT, math.SG, 57R18, 55S30]

Yin Li: *Disjoinable Lagrangian tori and semisimple symplectic cohomology.*

1605.04700

[math.SG, math.AG, math.DG]

Henrique Bursztyn, Alejandro Cabrera and Matias del Hoyo: *Lie theory of vector bundles, Poisson geometry and double structures.*

1605.03200

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

Andrew J. Bruce, K. Grabowska and J. Grabowski: *Introduction to graded bundles.*

1605.03296

[math.DG, math-ph, math.MP, 55R10, 58D19 (Primary), 53D17 (Secondary)]

Pavol Ševera: *Poisson-Lie T-duality as a boundary phenomenon of Chern-Simons theory.*

1602.05126 (version 5)

[hep-th, math.SG]

Daniela Emmanuele and Marcos Salvai: *A dynamical presentation of the better than nice metric on the disc.*

1605.03863

[math.DG, 70K25, 22E70, 53C22]

Barbara Opozda and Włodzimierz Mikulski: *Cauchy-Kowalevski's theorem applied for counting geometric structures.*

1605.06248

[math.DG, 53A10, 35Q99, 53B05, 53B20, 35G50]

Ugo Boscain, Ludovic Sacchelli and Mario Sigalotti: *Generic singularities of line fields on 2D manifolds.*

1605.06295

[math.DG]

Marcella Palese, Olga Rossi, Ekkehart Wintteroth and Jana Musilová: *Variational sequences, representation sequences and applications in physics.*

1508.01752 (version 5)

[math-ph, math.MP, 55N30, 55R10, 58A12, 58A20, 58E30, 70S10]

Petre Birtea and Dan Comănescu: *Dynamics under geometric dissipation.*

1604.08721

[math-ph, math.MP]

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

[math-ph, math.MP]

J. Ramos, M. de Montigny and F. C. Khanna: *On a group-theoretical approach to the curl operator.*

1605.04985

[math-ph, math.MP, 22E99, 70G65, 70H33]

Victor Guillemin, Alejandro Uribe and Zuoqin Wang: *Semiclassical states associated to isotropic submanifolds of phase space.*

1511.01241 (version 2)

[math.AP, math-ph, math.MP, 58J40, 81Q20]

Alexis Arnaudon, Alex L. Castro and Darryl D. Holm: *Noise and dissipation on coadjoint orbits.*

1601.02249 (version 4)

[math.DS, math-ph, math.MP, nlin.CD]

Andronikos Paliathanasis and P. G. L. Leach: *Nonlinear ordinary differential equations: a discussion on symmetries and singularities.*

1605.04164

[math-ph, math.CA, math.MP]

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

1605.04204

[gr-qc, math-ph, math.MP]

F. Ares, J. G. Esteve, F. Falceto and A. R. de Queiroz: *On the Möbius transformation in the entanglement entropy of fermionic chains.*

1511.02382 (version 2)

[math-ph, cond-mat.stat-mech, hep-th, math.MP, quant-ph]

Other Conferences

II Joint conference BMS-RSME-SML.

6–8 June, 2016. Logroño, Spain.

<https://bsl.unirioja.es/>

10th International Conference on Harmonic analysis and partial differential equations.

12–17 June, 2016. El Escorial, Madrid.

<http://www.uam.es/departamentos/ciencias/matematicas/AFA/Escorial/2016/>

Symplectic Techniques in Hamiltonian Dynamics.

13–17 June, 2016. Madrid, Spain .

<http://www.icmat.es/congresos/2016/STHD/>

Mathematical many body theory and its applications.

13–19 June, 2016. Bilbao, Spain.

<http://www.bcmath.org/es/workshops/mmbta>

Great Lakes Mathematical Physics meeting.

17–19 June, 2016. Michigan, USA.

<http://instmathphys.msu.edu/glamp2016>

10th ICMAT International Summer School on Geometry, Mechanics and Control.

19–24 June, 2016. La Cristalera, Miraflores de la Sierra, Madrid, Spain.

<http://gmcnet.webs.ull.es/?q=node/1656>

Calabi-Yau varieties: Arithmetic, geometry and physics.

20–25 June, 2016. East Sussex, UK.

<http://www.iag.uni-hannover.de/593.html>

XXXV Workshop on Geometric Methods in Physics.

26 June–2 July, 2016. Biaystok, Poland.

<http://wgmp.uwb.edu.pl/first.html>

Optimal and Random Point Configurations: From Statistical Physics to Approximation Theory.

27 June –01 July, 2016. Institut Henri Poincare, Paris, France.

<http://djalil.chafai.net/wiki/ihp2016:start>

Algebraic Geometry and Mathematical Physics.

30 June- 1st July, 2016. Tromso, Norway..

<http://site.uit.no/agmp/>

String Math 2016.

June 27–July 2, 2016. Paris, France..

<http://inspirehep.net/record/1240012?ln=en>

AIMS Conference on dynamical systems, differential equations and applications.

1–5 July, 2016. Florida, USA.

<http://aims sciences.org/conferences/2016/index.html>

International Conference on Mathematical Methods in Electromagnetic Theory.

05–07 July, 2016. Lviv, Ukraine.

<http://mmet.org/2016/>

IMA Conference on Turbulence, Waves and Mixing In Honour of Lord Julian Hunts 75th Birthday.

6–8 July, 2016. Kings College Cambridge, UK.

http://www.ima.org.uk/conferences/conferences_calendar/turbulencwavesmixing.html

SIAM Annual Meeting.

11–15 July, 2016. Boston, Massachusetts, USA..

<http://www.siam.org/meetings/an16/>

Quantum Algebras, Quantum Integrable Models and Quantum Information.

11–15 July 2016. Kristineberg, Fiskebckskil, Sweden.

<http://science.gu.se/english/qqq2016>

7th European Congress of Mathematics.

18–22 July, 2016. Berlin, Germany.

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

Recent Mathematical Developments in Quantum Field Theory .

24–30 July, 2016. Oberwolfach, Germany.

<http://www.mfo.de/www/schedule/2016/all>

Unified Field Mechanics.

24–28 July, 2016. Portonovo, Italy.

<http://www.noeticadvancedstudies.us/index10.html>

London Mathematical Society – EPSRC Durham Symposium Geometric and Algebraic Aspects of Integrability.

25 July–04 Aug, 2016. Durham, United Kingdom.

<http://www.maths.dur.ac.uk/events/Meetings/LMS/105/>

Global Conference on Applied Physics and Mathematics.

25–27 July, 2016. Rome, Italy.
<http://www.physicsmaths.skconferences.com/>

The Asian Mathematical Conference.

July 25–29, 2016. Bali, Indonesia.
<http://www.amc2016.org/home/>

Lie Pseudo-groups and their invariants.

1–10 August, 2016. Wyszła, Poland.
<http://balinmat.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>

21st International Summer School on Global Analysis and Applications.

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

Sirince Summer School in Mathematical Physics.

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

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>

10th IFAC Symposium on Nonlinear Control Physics.

23–25 August, 2016. Marriott Hotel Monterey, California.

https://www.math.ucdavis.edu/static/conferences/nolcos_2016/

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>

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 Septiembre, 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.hsrcg.gr/activities.html>

50th Seminar “Sophus Lie”.

25 September– 01 October, 2016. Będlewo, Poland.
<http://50sls.impan.pl/>

QMath Mathematical Results in Quantum Physics.

8–1 October, 2016. Atlanta, USA.
<http://qmath13.gatech.edu/>

UFBS16 Universality in Few-Body Systems.

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

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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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