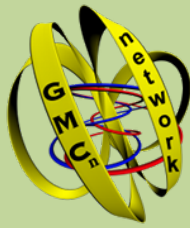


GMC Network Infosheet

February 2017



Geometry, Mechanics and Control Network Infosheet

February 2017

Editors: Rodrigo Sato, Jorge
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Network's activities

11th International Summer School on Geometry, Mechanics and Control (ICMAT School).

26-30 June, 2017, Madrid, Spain.

<http://gmcnet.webs.ull.es/?q=activity-detaill/1812>

Job offers, fellowships and awards

Ph.D. offers

BGSMath doctoral call 2017-2020.

4 PhD three-year positions in all areas of mathematics and its applications. This call is funded through the María de Maeztu Excellence Program of the Spanish Ministry of Economy and Competitiveness..

BGSMath (Barcelona, Spain).

Closing date: 13 March 2017.

<http://bgsmath.cat/bgsmath-doctoral-call-2017-2020/>

PhD Studentship in Nonlinear Control.

Applications are invited for a PhD studentship on distributed control for nonlinear systems within the Department of Aeronautics, Imperial College London.

Imperial College London (United Kingdom).

Closing date: 14 March 2017.

<http://www.jobs.ac.uk/job/AWE222/phd-studentship-in-nonlinear-control>

Fulbright Spanish grants.

Postgraduate studies for Spanish researchers in the United States, for up to 2 years.

Universities in the United States.

Closing date: 16 March 2017.

<http://fulbright.es/convocatorias/ver/1527/ampliacion-de-estudios/2018-2019>

PhD students in Mathematics.

Available PhD positions with different specializations, such as Differential Geometry.

KTH Royal Institute of Technology, School of Engineering Sciences (Stockholm, Sweden).

Closing date: 2 May 2017.

<https://kth.mynetworkglobal.com/en/what:job/jobID:135203>

PhD Studentship - Bifurcations in symmetric Hamiltonian systems.

A general theory for bifurcations of relative equilibria and relative periodic orbits will be developed for Hamiltonian systems with symmetry. The emphasis will be on systems with non-compact, non-Abelian symmetry groups, such as the Euclidean group of rotations and translations in space the symmetry group of the Kirchhoff model for a rigid body in an ideal fluid. University of Surrey (United Kingdom).

Closing date: 30 September 2017.

<https://jobs.surrey.ac.uk/Vacancy.aspx?ref=075416>

PhD position in holomorphic dynamics.

The candidate will incorporate to the research project 'Holomorphic Dynamics connecting Geometry, Root-Finding, Algebra, and the Mandel-

brot set', funded by an Advanced Grant of the European Research Council (ERC) for the period 20162021; principal investigator is Prof. Dierk Schleicher, PhD.

Jacobs University (Bremen, Germany).

Closing date: Open until filled.

<http://www.jacobs-university.de/node/1911>

PhD Student on the subject of High Dimensional Geometric Algorithms.

Research in algorithms for lattice problems, high dimensional convex geometry, etc. Labor founded for 18 months, with a possible extension to 30 months.

CWI - Centrum Wiskunde & Informatica (Amsterdam, Netherlands).

Closing date: Open until filled.

<http://www.cwi.nl/jobs/phd-student-subject-of-high-dimensional-geometric-algorithms>

Postdoctoral fellowships

ETH Zurich post-doctoral fellowships.

Junior Post-doctoral Researchers.

ETH Zurich (Switzerland).

Closing date: 1 March 2017.

<https://www.ethz.ch/en/research/research-promotion/eth-internal-programmes/eth-fellowships.html>

ICMAT Postdoc 2017.

The 'Instituto de Ciencias Matemáticas' (ICMAT-Institute of Mathematical Sciences) offers 2-year post-doctoral appointments for researchers in Mathematics with an excellent curriculum who wish to pursue their research career at the ICMAT.

ICMAT (Madrid, Spain).

Closing date: 1 March, 2017.

https://www.icmat.es/severo-choa/HumanResources/ICMat_Postdoc2017

Research fellow in systems and control.

The research fellow will conduct systems and control theory oriented research, relevant to the automation of large-scale irrigation networks.

University of Melbourne (Australia).

Closing date: 10 March 2017.

<http://jobs.unimelb.edu.au/caw/en/job/889885>

Postdoctoral Research Associate in Singularities and symplectic topology.

The project focuses on using symplectic topology and Floer theory to tackle questions from algebraic geometry.

University College London (United Kingdom).

Closing date: 10 March 2017.

https://atsv7.wcn.co.uk/search_engine/jobs.cgi?SID=amNvZGU9MTYyNzA10SZ2dF90ZW1wbGF0ZT05NjUmB3duZXI9NTA0MTE3OCZvd25lcnR5cGU9ZmFpciZicmFuZF9pZD0wJg==

Research Associate in Mathematics.

The project focuses on the area of birational geometry. It involves using analytic and algebraic methods to investigate properties of projective varieties. Preference will be given to candidates who have made significant contributions in the field of birational geometry of higher dimensional projective varieties.

Imperial College London (United Kingdom).

Closing date: 15 March 2017.

https://www4.ad.ic.ac.uk/OA_HTML/OA.jsp?OAFunc=IRC_VIS_VAC_DISPLAY&OAMC=R&p_svid=50961

ICMAT Postdoc Donaldson-Hitchin Lab 2017.

The areas of research include Higgs bundles, gauge theory, special holonomy and generalised geometry.

Donaldson-Hitchin Laboratory at ICMAT (Madrid, Spain).

Closing date: 17 March 2017.

https://www.icmat.es/severo-choa/HumanResources/ICMat_Postdoc_Donaldson_Hitchin_lab_2017

Postdoctoral Fellowship in Algebraic Geometry and Singularity Theory.

1-year contract, with possibility of yearly renovation depending on performance and interest for the research project.

Basque Center for Applied Mathematics (Bilbao, Spain).

Closing date: 3 April 2017.

<http://www.bcmath.org/en/research/job/ic2016-winter-postdoctoral-fellowship-in-algebraic-geometry-and-singularity-theory>

Postdoctoral Fellowship in Applied Algebraic Geometry.

2-year position. Strong background in geometry, algebra and its applications required.

Basque Center for Applied Mathematics (Bilbao, Spain).

Closing date: 3 April 2017.

<http://www.bcmath.org/en/research/job/ic2016-winter-postdoctoral-fellowship-in-applied-algebraic-geometry>

Research Fellow in Control Systems.

The post holder will work under the guidance of Dr Bing Chu and Dr Chris Freeman in undertaking research on the development and assessment of novel control approaches.

University of Southampton (United Kingdom).

Closing date: 4 April 2017.

<http://www.jobs.ac.uk/job/AXN510>

Post-doctoral position in holomorphic dynamics.

The candidate will incorporate to the research project 'Holomorphic Dynamics connecting Geometry, Root-Finding, Algebra, and the Mandelbrot set', funded by an Advanced Grant of the

European Research Council (ERC) for the period 20162021; principal investigator is Prof. Dierk Schleicher, PhD.

Jacobs University (Bremen, Germany).

Closing date: Open until filled.

<http://www.jacobs-university.de/node/1911>

Post-doctoral researcher in Harmonic Analysis and Discrete Geometry.

The project is directed by Nir Lev and is funded by a Starting Grant from the European Research Council (ERC).

Bar Ilan University (Israel).

Closing date: Open until filled.

<https://www.mathjobs.org/jobs/jobs/9687>

Humboldt research fellowship for post-doctoral 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>

Offers for researchers

Lectureship in Pure Mathematics.

Department of Mathematics and Statistics.

Lancaster University (United Kingdom).

Closing date: 2 March 2017.

<http://www.jobs.ac.uk/job/AXB353>

Professorship for Algebra.

Institute of Algebra and Geometry.

Otto-von-Guericke-University Magdeburg (Germany).

Closing date: 10 March 2017.

<https://www.mathjobs.org/jobs/jobs/10004>

Tenure-track position in Mathematics.

Positions available in Analysis, Probability Theory and Geometry, at the Faculty of Electrical Engineering, Mathematics and Computer Science.

Delft University of Technology (Netherlands).

Closing date: 15 March 2017.

<http://www.all-acad.com/Job/J0233761>

Assistant professor position.

Mathematical Institute, Faculty of Mathematics and Physics.

Charles University (Prague, Czech Republic).

Closing date: 15 March 2017.

<https://www.mathjobs.org/jobs/jobs/9860>

Professorship for Geometry in the research focus area “Real Geometry and Algebra”.
Faculty of Sciences, Department of Mathematics and Statistics.
University of Konstanz (Germany).

Closing date: 31 March 2017.

<http://www.uni-konstanz.de/stellenangebote/stellenauswahl.php?seite=2017/024&id=3>

Associate Professor in Geometry/Topology.

Department of Mathematics.
Aarhus University (Denmark).

Closing date: 1 April 2017.

<https://www.mathjobs.org/jobs/jobs/9940>

Assistant professor in control systems.

Applied Mathematics and Statistics.
University of California Santa Cruz (United States).

Closing date: Open until filled (final date: 30 June 2017).

<https://www.mathjobs.org/jobs/jobs/9390>

Offers for visiting researchers

New Call for Intensive Research Programmes at the CRM.

CRM Research Programmes consist of periods ranging between 1 to 5 months (from September to July) of intensive research in any area of mathematics and the mathematical sciences. Researchers from different institutions are brought together to work on open problems and to analyse the state and perspectives of their area..

February 28, 2017 for the preliminary proposal.

Closing date: April 28, 2017 for the final proposal.

<http://www.crm.cat/en/Host/SciEvents/IRP/Pages/default.aspx>

Abel Visiting Scholar Program.

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 program is designed for post doctoral mathematicians in the early stages of their professional careers. It is designed to offer the opportunity for a research sabbatical, a necessary complement to teaching and other academic duties for mathematicians desiring to also sustain a viable research program.

Assistant Professor in Geometry/Geometric Analysis.

Department of Mathematics.
University of Massachusetts Boston (Massachusetts, United States).

Closing date: Open until filled.

<https://umb.interviewexchange.com/jobofferdetails.jsp?JOBID=79630>

Tenure-track faculty in Geometry, Topology and other areas.

Department of Mathematics.
Boston College (Massachusetts, United States).

Closing date: Open until filled.

<https://www.mathjobs.org/jobs/jobs/9158>

Tenure-track positions.

Department of Mathematics.
Marymount University (Virginia, United States).

Closing date: Open until filled.

<https://www.mathjobs.org/jobs/jobs/9771>

Closing date: 30 April 2017.

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

Visit the Institute of Mathematical Sciences, India.

The mathematics group at IMSc actively seeks to organize visits by research mathematicians from all over the world..

Such visits typically center around a set of formal lectures. A public lecture targeted at a general audience is often a part of these visits. Durations of such visits range from a couple of days to a semester or more.

Closing date: Open.

https://www.imsc.res.in/visiting_mathematics

Invitation Fulbright speakers.

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

Closing date: 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>

Visiting research fellow in Oxford.

Mathematical Institute-University of Oxford.
Visiting researchers at the University of Oxford.

Closing date: Open.

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

Visiting research fellow in Kent State University.

Mathematics Department-KSU Ohio.
Visiting researchers at KSU.

Closing date: Open.

<http://www.kent.edu/globaleducation/visiting-scholars>

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>

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 in Banff, Canada.
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>

Research in Teams in Banff, Canada.

Banff International Research Station.
Banff, Alberta, Canada.

The Research in Teams program offers teams of 2 to 4 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. **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>

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>

Awards

TWAS prizes.

Agricultural Sciences, Biology, Chemistry, Earth, Astronomy and Space Sciences, Engineering Sciences, Mathematics, Medical Sciences, Physics and Social Sciences for developing countries **Closing date: 31 March 2017.**

<http://twas.org/opportunity/twas-prizes>

Field Medal Prize.

Nominations should ideally be sent by December 31, 2016 to the Prize Committee Chairs. All prize committees are free to consider nominations that are made after the deadline has passed!! **Closing date: Last nominations.**

<http://www.mathunion.org/general/prizes/nomination-guidelines/>

Nevanlinna Prize.

Nominations should ideally be sent by December 31, 2016 to the Prize Committee Chairs. All prize committees are free to consider nominations that are made after the deadline has passed!! **Closing date: Last nominations.**

<http://www.mathunion.org/general/prizes/nomination-guidelines/>

Coxeter-James Prize 2018.

The Coxeter-James Prize Lectureship recognizes young mathematicians who have made outstanding contributions to mathematical research. The selected candidate will deliver the prize lecture at the Winter Meeting. **Closing date: 30 June 2017.**

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

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>

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>

Abdus Salam Medal.

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

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

Financial support for research projects and conferences

Financial support for workshop organization.

Banff International Research Station **Deadline: No precise deadline but notification with months in advance.**

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

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>

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>

Mathematical and physical sciences funding.

National Science Foundation **Deadline: No precise deadline.**

https://www.nsf.gov/funding/pgm_list.jsp?org=MPS

Financial support from CICS.

Center for International Cooperation in Science **Deadline: several calls.**

<http://www.cics.tn.nic.in/>

Interesting news and publications

Journal of Geometric Mechanics (JGM).

Volume 8, Number 4, December 2016.

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

IMU-Net 81.

January 2017.

<http://www.mathunion.org/imu-net/archive/2017/imu-net-081/>

ICMAT Newsletter.

13th number.

https://www.icmat.es/newsletter/2016/thirteenth_es.pdf

New AIMS Journal.

New open access journal.

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

The GMC network.

International, spanish based network focused on Geometry, Mechanics and Control <http://gmcnet.webs.u11.es/>

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/>

Jobs for Mathematicians.

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

Women and Mathematics.

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

Academic positions in Spain, France and Belgium.

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

Mathematics in Europe.

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

Matemáticas y sus fronteras.

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

Mathematics and Neuroscience.

<http://corbifoundation.org/>

Online textbooks: MIT OPEN COURSEWARE.

<https://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/>

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.madrimasd.org/madrid-ciencia-tecnologia/convocatorias>

Search of academic jobs in Mathematics.

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

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

Alberto Enciso and Piergiulio Tempesta: *Uniqueness and characterization theorems for generalized entropies.*

1702.01336

[math-ph, cs.IT, hep-th, math.IT, math.MP, quant-ph]

Alberto Enciso, M. Ángeles García-Ferrero and Daniel Peralta-Salas: *The Biot-Savart operator of a bounded domain.*

1702.04327

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

Á. Ballesteros, I. Gutiérrez-Sagredo, F. J. Heranz, C. Meusburger and P. Naranjo: *Quantum groups and noncommutative spacetimes with cosmological constant.*

1702.04704

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

Alberto Enciso, David Hartley and Daniel Peralta-Salas: *Dislocations of arbitrary topology in Coulomb eigenfunctions.*

1603.03214 (version 2)

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

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

1605.06829 (version 4)

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

Paula Balseiro: *Hamiltonization of solids of revolution through reduction.*

1610.06103 (version 2)

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

Thierry Daudé, Niky Kamran and François Nicoleau: *On the hidden mechanism behind non-uniqueness for the anisotropic Calderón problem with data on disjoint sets.*

1701.09056

[math.AP, math-ph, math.MP, math.SP]

Andronikos Paliathanasis and P. G. L. Leach: *Symmetries and Singularities of the Szekeres System.*

1702.01593

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

Anton Izosimov and Boris Khesin: *Classification of Casimirs in 2D hydrodynamics.*

1702.01843

[math.SG, math-ph, math.MP, physics.flu-dyn]

E. Celeghini and M. A. del Olmo: *Group theoretical aspects of $L^2(\mathbb{R}^+)$, $L^2(\mathbb{R}^2)$ and associated Laguerre polynomials.*

1702.02003

[math-ph, math.MP]

E. Celeghini: *Operator algebra in the space of images.*

1702.03820

[math-ph, math.MP]

Carles Batlle, Joaquim Gomis, Luca Mezincescu and Paul K. Townsend: *Tachyons in the Galilean limit.*

1702.04792

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

Marco Freibert and Andrew Swann: *The shear construction.*

1702.05318

[math.DG]

Charles-Michel Marle: *The works of William Rowan Hamilton in geometrical optics and the Malus-Dupin theorem.*

1702.05643

[math.DG]

Nirmalendu Acharyya and A. P. Balachandran: *Matrix Model of QCD: Edge Localized Glue Balls and Phase Transitions.*

1702.06430

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

José Ignacio Royo Prieto, Martintxo Saralegi-Aranguren and Robert Wolak: *Cohomological Tautness of Singular Riemannian Foliations.*

1702.06631

[math.DG, math.AT]

Gabriel Álvarez, Luis Martínez Alonso and Elena Medina: *Phase space and phase transitions in the Penner matrix model with negative coupling constant.*

1702.07230

[math-ph, math.MP]

Charles-Michel Marle: *On Henri Poincaré's note "Sur une forme nouvelle des équations de la Mécanique".*

1302.4096 (version 2)

[math.DG]

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

1605.05386 (version 3)

[math.DG, math.SG]

Charles-Michel Marle: *From tools in symplectic and Poisson geometry to Souriau's theories of statistical mechanics and thermodynamics.*

1608.00103 (version 2)

[math.DG]

Fatih Erman, Manuel Gadella and Haydar Uncu: *One-Dimensional Semirelativistic Hamiltonian with Multiple Dirac Delta Potentials.*

1608.04032 (version 3)

[math-ph, math.MP]

Giovanni Nunes and Jaime Ripoll: *On the critical points of the energy functional on vector fields of a Riemannian manifold.*

1611.07066 (version 2)

[math.DG]

Joaquim Gomis and Paul K. Townsend: *The Galilean Superstring.*

1612.02759 (version 3)

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

Other Conferences

The 3rd Seminar on Operator Theory and its Applications.

8–9 March 2017, Ferdowsi University of Mashhad, Iran.

<http://ota3.um.ac.ir/index.php?&newlang=eng>

51st Spring Topology and Dynamical Systems Conference (STDC 2017).

8–11 March 2017, NJCU (School of Business), Jersey City, NJ, USA.

<http://https://sites.google.com/site/2017springconftopanddynamics/home>

Resonances: Geometric Scattering and Dynamics.

13–17 March 2017, CIRM, Luminy, France.

<http://programme-scientifique.weebly.com/1604.html>

Workshop “Modern Challenges in Continuum Mechanics”.

3–6 April 2017, Zagreb, Croatia.

<http://www.fer.unizg.hr/mampit/events/workshop>

MFO Workshop Discrete Geometry .

9–15 April 2017, Oberwolfach, Germany.

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

Young Researcher Workshop on Differential Geometry in Minkowski Space.

17–20 April 2017, Granada, Spain.

<http://www.ugr.es/~rcamino/minkowski/index.html>

Thematic Semester: Dynamics and Geometry.

18 April-14 October 2017, Universities of Angers, Brest, Nantes, Rennes (FRANCE).

<http://https://www.lebesgue.fr/content/sem2017>

SMI course “Kähler-Einstein metrics” by Cristiano Spotti.

30 April-6 May, 2017, Firenze, Italy.

<https://gecogedi.dimai.unifi.it/event/404/>

Complex Geometry, Dynamical Systems and Foliation Theory.

1–16 May 2017, Institute for Mathematical Sciences, National University of Singapore.

<http://www2.ims.nus.edu.sg/Programs/017geo/index.php>

4th International Workshop on Nonlinear and Modern Mathematical Physics.

4–8 May 2017, University Putra Malaysia, Kuala Lumpur, MALAYSIA.

<http://einspem.upm.edu.my/nmmp2017/>

Methods in Geometry and Physics.

5–7 May 2017, Allerton, IL, United States.

<http://schapos.people.uic.edu/Steve.html>

Spring School ContrOpt 2017 : Control and Optimization.

15–19 May 2017, Monastir, Tunisia.

<https://www.lama.univ-savoie.fr/ContrOpt2017/>

AIM workshop Mathematical questions in wave turbulence theory.

15–19 May 2017. San Jose, California, USA.

<http://aimath.org/workshops/upcoming/>

Complex Geometry, Dynamical Systems and Foliation Theory.

21–16 May 2017, Singapore.

<http://www2.ims.nus.edu.sg/Programs/017geo/index.php>

SIAM conference on applications of dynamical systems.

21–25 May 2017, Snowbird, Utah, US.

<http://www.siam.org/meetings/calendar.php>

International scientific conference: Algebraic and geometric methods of analysis.

31 May-5 June 2017, Odessa, Ukraine.

<http://www.imath.kiev.ua/~topology/conf/agma2017/>

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

5–9 June 2017. Marseille, France.

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

Aspects of time-frequency analysis.

5–7 June 2017, Torino, Italy.

http://www.univie.ac.at/nuhag-php/event_NEW/make.php?event=atfa2017

International Conference on Differential and Difference Equations and Applications 2017.

5–9 June 2017, Amadora, Portugal.

<https://sites.google.com/site/sandrapinelas/icddea-2017>

Geometry and Algebra of PDEs.

6–10 June 2017, Tromsø, Norway.

<http://serre.mat-stat.uit.no/pdes2017/index.html>

Geometry and Physics (dedicated to the memory of W. P. Thurston).

8–10 June 2017, Strasbourg.

<http://www-irma.u-strasbg.fr/article1576.html>

Control and dispersion waves.

15–15 June 2017, Universit de Versailles Saint-Quentin, Universit Paris-Saclay, France.

<http://lmv.math.cnrs.fr/evenements-scientifiques/controle-et-dispersion-des-ondes/>

Physics and Mathematics of nonlinear phenomena.

17–24 June 2017, Gallipoli, Italy.

<http://conference.unisalento.it/ocs/index.php/pmnp2017/pmnp2017>

2nd IMA Conference on Nonlinearity and Coherent Structures.

19–21 June 2017. Norwich, UK.

ima.org.uk/conferences/conferences_calendar/2nd-ima-conference-nonlinearity-coherent-structures.html

Preservers everywhere.

19–23 June 2017, Szeged, Hungary.

<http://www.math.u-szeged.hu/~gehergy/conference.html>

LMS Research School: Orthogonal Polynomials and Special Functions.

26–30 June 2017, Kent, UK.

<https://blogs.kent.ac.uk/opsf-summer-school/provisional-timetable/>

FDIS2017 Finite Dimensional Integrable Systems in Geometry and Mathematical Physics.

3–7 July 2017, Barcelona, Spain.

http://www.crm.cat/en/Activities/Curs_2016-2017/Pages/Finite-Dimensional-Integrable-Systems-in-Geometry-and-Mathematical-Physics.aspx

XX Summer Diffiety School.

20-31 July 2017, Rome, Italy.

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

7th PHD Summer school in Discrete Mathematics.

23–29 July 2017, Rogla, Slovenia.

<https://conferences.famnit.upr.si/event/2/>

The 23rd International Conference on Difference Equations and Applications.

24–28 July 2017, Timisoara, Romania.

<https://icdea2017.uvt.ro/>

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

7–11 August 2017, Ghent, Belgium.

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

Geometry, Dynamics and Physics.

7–9 September 2017, Strasbourg, France.

<http://www-irma.u-strasbg.fr/article1609.html>

Mathematical Questions and Challenges in Quantum Electrodynamics and its Applications .

10–16 September 2017, Oberwolfach, Germany.

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

IMA Conference on Inverse Problems from Theory to Application.

19–21 September 2017, Cambridge, UK.

http://ima.org.uk/conferences/conferences_calendar/inverse-problems.html

Classical and Quantum Mechanical Models of Many-Particle Systems .

3–9 December 2017, Oberwolfach, Germany.

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

Workshop on integrable systems.

7–8 December 2017, Sydney, Australia.

<http://wp.maths.usyd.edu.au/igs/workshops/integrable-systems-2017/>

DS19 SIAM Conference on Applications of Dynamical Systems.

19–23 May 2019. Snowbird, Utah, USA.

<http://www.siam.org/meetings/calendar.php>

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