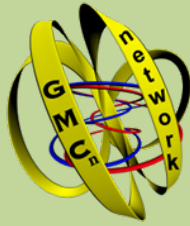# GMC Network Infosheet
October 2015

Geometry, Mechanics and Control Network Infosheet

October 2015

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

Contents

Network's activities

10th International Young Researcher Workshop on Geometry, Mechanics and Control.
Three minicourses:

- *An introduction to Dirac geometry* (Ioan Marcu, Radboud Universiteit Nijmegen, The Netherlands)

- *Distributed methods for optimization in control* (Giuseppe Notarstefano, Università del Salento, Italy)

- *Introduction to discrete weak KAM theory* (Maxime Zavidovique, Institut de Mathématiques de Jussieu, Université Pierre et Marie Curie, France)

The courses will be at a PhD and postdoctoral level. There will also be contributed short talks (30 minutes) and a poster session. Attendance is open to anyone, in particular young researchers (PhD students and recent PhD's) are encouraged to submit a talk or poster proposal. Institut Henri Poincaré, Paris, France. January 13–15, 2016.
`http://gmcnet.webs.ull.es/?q=activity-detaill/1396`

Special Session: Geometry and Mechanics in the 1st Joint Meeting Brazil-Spain in Mathematics.
Organizers:
Paula Balseiro (UFF) Jair Koiller (INMETRO) Juan Carlos Marrero (Universidad Nacional de La Laguna) Manuel de León (ICMAT, Madrid).
December 7–10, 2015. Fortaleza, Brazil.

`http://www.sbm.org.br/jointmeeting-spain/special-sessions`

18th Winter Meeting on Geometry, Mechanics and Control.
Dates to be announced in the next bulletin. Approximate dates: late January, early February .

Job offers, fellowships and awards

Ph.D. offers

Marie Curie Early Stage Researcher (ESR) Fellow (2 positions).
School of Mathematics, Computer Science and Engineering.
City University London.
Closing date: November 6, 2015.
`http://www.jobs.ac.uk/job/ATZ151/`

PhD Studentship in Engineering: Computational Fluid Dynamics.
College of Engineering, Mathemathics and Physical Sciences.
University of Exeter.
Closing date: November 6, 2015.
http://www.jobs.ac.uk/job/AMD932/

PhD Project in Mathematical Analysis and Computations for Multiphysics Tomography.
DTU Compute.
Technical University of Denmark.
Closing date: November 11, 2015.
http://www.all-acad.com/Job/J0180005/

PhD project in k.p Theory of Two-Dimensional Materials.
Department of Photonics Engineering.
Technical University of Denmark.
Closing date: December 1, 2015.
http://www.all-acad.com/Job/J0175734/

PhD Studentship in Mathematics, Dynamical Systems and PDEs.
Department of Mathematics.
University of Surrey.
Closing date: December 31, 2015.
http://www.all-acad.com/Job/J0178122/

PhD Studentship in Mathematics, Fields, Strings and Geometry.
Department of Mathematics.
University of Surrey.
Closing date: December 31, 2015.
http://www.all-acad.com/Job/J0178096/

PhD Studentship: Control of turbulent fluids.
Aerodynamics & Flight Mechanics Research Group.
University of Southampton.
Closing date: January 4, 2016.
http://www.all-acad.com/Job/J0174599/

PhD studentship - Hydrodynamic simulations of rotating black holes: theory & experiment.
Department of Mathematical Sciences.
University of Nottingham.
Closing date: January 10, 2016.
http://www.all-acad.com/Job/J0178076/

PhD candidate in Theoretical Physics.
Faculty of Science, Institute of Physics.
University of Amsterdam.
Closing date: March 1st, 2016.
http://www.all-acad.com/Job/J0178330/

Postdoctoral fellowships

Research Associate.
Cardiff School of Mathematics.
Cardiff University.
Closing date: November 2, 2015.
http://www.jobs.ac.uk/job/AMA553/

GH Hardy Junior Research Fellowship in Mathematics.
New College.
University of Oxford.
Closing date: November 2, 2015.
http://www.jobs.ac.uk/job/AMC433/

Research Associate.
School of Mathematics.
University of Manchester.
Closing date: November 5, 2015.
http://www.jobs.ac.uk/job/AMC988/

Junior Research Fellowships 2016.
Clare College.
University of Cambridge.
Closing date: November 9, 2015.

http://www.jobs.ac.uk/job/AMC445/

Research Fellow - Computational Topology.
School of Mathematical and Geospatial Sciences.
RMIT University, Melbourne, Australia.
Closing date: November 9, 2015.
http://sciences.academickeys.com/job/5bw14fqe/

Post-doctoral Research Fellow.
School of Mathematics, Computer Science and Engineering.
City University London.
Closing date: November 11, 2015.
http://www.jobs.ac.uk/job/ATZ526/

Research Fellow (75043-105).
School of Engineering, Warwick Centre for Predictive Modelling.
University of Warwick.
Closing date: November 15, 2015.
http://www.jobs.ac.uk/job/ATZ616/

Postdoctoral Research Assistant in Model Theory, Functional Transcendence, and Diophantine Geometry.
Mathematical Institute.
University of Oxford.
Closing date: November 16, 2015.
http://www.jobs.ac.uk/job/AME949/

Research Associate.
Department of Mathematics, Faculty of Natural Sciences.
Imperial College London.
Closing date: November 16, 2015.
http://www.all-acad.com/Job/J0178290/

AXA Post doctoral research.
25 Postdoctoral grants.
AXA Research Fund.
Closing date: November 18, 2015.
https://www.axa-research.org/post-doctoral-fellowships

Research Associate/Fellow in Particle Theory (fixed-term).
Department of Physics & Astronomy.
University of Nottingham.
Closing date: November 23, 2015.
http://www.all-acad.com/Job/J0179249/

Research Associate / Fellow.
Department of Physics & Astronomy.
University of Nottingham.
Closing date: November 24, 2015.
http://www.all-acad.com/Job/J0179323/

MSRI Postdoctoral fellowship.
Mathematical Sciences Research Institute.
Berkeley.
Closing date: December 1st, 2015.
http://www.msri.org/web/msri/scientific/member-application/postdoctoral-fellow

Post-doctoral Faculty Fellow.
Department of Mathematics and Statistics.
Boston University.
Closing date: December 15, 2015.

http://www.all-acad.com/Job/J0178365/

Postdoctoral Position in Heidelberg.
Mathematical Institute.
University of Heidelberg.
Closing date: Reviews being in December 15, 2015 (Open until filled).
http://www.all-acad.com/Job/J0178102/

ETH Zurich Postdoctoral Fellowships.
Junior Postdoctoral Researchers.
Fulbright España.
Closing date: March 1, 2016.
https://www.ethz.ch/en/research/research-promotion/eth-internal-programmes/eth-fellowships.html

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

Lisa Meitner Program.
FWF Austrian Science Fund.
Vienna, Austria.
Closing date: Open all year.
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

Post-Doctoral Scholar, Mathematical Sciences.
Worcester Polytechnic Institute.
Worcester, MA.
Closing date: Open until filled.
http://sciences.academickeys.com/job/5rmcevdx/

Offers for researchers

Lecturer in Algebra and Topology.

School of Mathematics.

Cardiff University.

Closing date: November 10, 2015.

http://www.jobs.ac.uk/job/AME458/

Lecturer in Mathematics.

School of Mathematics.

Cardiff University.

Closing date: November 10, 2015.

http://www.jobs.ac.uk/job/AME461/

Assistant Professor.
Department of Mathematics.
Texas State University.
Closing date: Reviews being in November 15, 2015 (Open until filled).
`http://www.all-acad.com/Job/J0175875/`

Lecturer/Senior Lecturer in Applied Mathematics.
Department of Mathematical Sciences.
Durham University.
Closing date: November 17, 2015.
`http://www.jobs.ac.uk/job/AMF195/`

Starting Grant 2016 European Research Council (ERC).
Support for young researchers to lead their independent research groups.
European Research Council.
Closing date: November 17, 2015.
`http://erc.europa.eu/starting-grants`

Lecturer in Theoretical Physics - QMUL7132.
School of Physics & Astronomy.
Queen Mary University of London.
Closing date: November 20, 2015.
`http://www.all-acad.com/Job/J0177596/`

Assistant Professor (Mathematical Physics).
Departments of Mathematics and Physics, SIU Carbondale.
Carbondale, Illinois, USA.
Closing date: Open until filled.
`http://www.all-acad.com/Job/J0152197/`

Faculty Positions in Integrated Sciences and Mathematics for Fall 2016.
Habib University.
Karachi, Sindh. Pakistan.

Closing date: Open until filled.
`http://sciences.academickeys.com/job/zcp0l1ah/`

Professor/Associate Professor/Assistant Professor.
College of Sciences.
Al Jouf University, Saudi Arabia.
Closing date: Open until filled.
`http://sciences.academickeys.com/job/oznjpyeg/`

Assistant Professor of Applied Mathematics.
Department of Mathematics.
University of San Diego, USA.
Closing date: Open until filled.
`http://sciences.academickeys.com/job/0mi8n3xu/`

Professor (Open Rank), Mathematical Sciences.
Worcester Polytechnic Institute.
Worcester, MA.
Closing date: Open until filled.
`http://sciences.academickeys.com/job/glpiamx1/`

Assistant Professor of Mathematics.
Rogers State University.
Claremore, Oklahoma, USA.
Closing date: Open until filled.
`http://www.all-acad.com/Job/J0152265/`

Associate Professor/Assistant Professor (3 posts) in Mathematics.
Department of Mathematics.
University of Hong Kong.
Closing date: Open until filled.
`http://jobs.hku.hk/jd.php?id=201401325`

Offers for visiting researchers

Invitation to Fulbright speakers.
Fulbright Spain.
2 weeks in Spain.
Invite US fulbright holders as speakers in a spanish institution Closing date: Until 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`

Research in pairs in the Mathematisches

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

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

```
http://www.mfo.de/for-guest-researchers/appl
y-for-a-stay/apply-for-research-in-pairs
```

Programs for visiting (Non-US) Scholars.
Fulbright Scholar program.
USA.
The following programs support the research and teaching of scholars visiting colleges and universities in the United States. Closing date: Check deadlines of different open calls.

```
http://www.cies.org/programs-visiting-non-us-
scholars
```

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

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

Centre International de rencontres mathematiques (CIRM).
CIRM, Marseille.
Marseille, France.
Research in pairs (2 to 3 researchers for 2 to 3 weeks. CIRM subsizes board and lodging for peo-

ple not based in the region). Closing date: Anytime.

```
http://www.cirm-math.fr/
```

Research in groups at ICMS.
International Center for Mathematical Sciences.
Edinburgh, Scotland.
This ICMS programme invites applications from small groups of researchers (between 2 to 4) who wish to organise a short, intensive period of research in Edinburgh. At least one researcher must be based in the UK. Not all researchers should be from the same university with a maximum of two researchers from any one university. The Programme Committee will consider proposals throughout the year. Closing date: Throughout the year, April 30, August 30, December 30.

```
http:/www.icms.org/proposals/rigs
```

Call for Visiting Professors at CIRM.
Fondazione Bruno Kessler.
Trento University, Trento, Italy.
CIRM Visiting Scholars will perform mathematical research in cooperation with scientists and researchers of Trento University or, more generally, of the Trento area, holding some research seminars. CIRM Visiting Professors will hold short Ph.D. courses, or 'Summer Courses', or series of seminars. It is foreseen that the selection process for Visiting Professors-Scholars take place through either individual application, or Invitation by a professor of Trento University or by a member of the Advisory Board.
Closing date: Applications may be sent any time.

```
http://cirm.fbk.eu/cirm-visiting-professors
```

Visiting the ICMAT.
ICMAT.
Madrid, Spain.
The ICMAT offers the possibility of hosting researchers wishing to stay at the institute for a period normally ranging from one to twelve months, preferably having a research plan and a scientific connection with ICMAT researchers. Visitors will be provided with office space and working facilities at the institute, as well as house-finding assistance if necessary. No financial support will be provided for these visits. Applications can be submitted any time generally two months before the start of the desired stay. An answer will be given no later that one month after submission of the applications.
Closing date: 2 months before the start of the desired stay.

```
http://www.icmat.es/people/visitFac
```

Research in Pairs Program: Centro Internazionale per la Ricerca Matematica.
Fondazione Bruno Kessler.
Trento University, Trento, Italy.
This type of program is similar to the one of the Mathematisches Forschungsinstitut Oberwolfach, and foresees the presence of two or three partners from Universities located in different towns, who intend to work on a definite research project and for a well specified period of time (ranging from one to six weeks). Applicant partners must submit a scientific project in the field of mathematics, with a detailed research program, resulting in one or more scientific publications on journals of excellent mathematical level; the support of the CIRM will then be acknowledged in the resulting publications. Participants in the RIP Program will also give occasional research seminar talks at the CIRM or at the University of Trento, but will enjoy freedom in the pursuit of their scientific goals. Applications where one or more of the partners are Italians will of course be welcome.
Closing date: Applications may be sent any time.
http://cirm.fbk.eu/research-pairs

Visiting the CRM.
Centre de Recerca Matemàtica.
Catalonia, Spain.
The CRM offers the possibility of hosting researchers wishing to stay at the Centre for a period normally ranging from one to six months, preferably having a research plan and a scientific connection with long-term CRM visitors or researchers based at a university in Catalonia. Researchers from Catalan universities can apply if they are free from teaching duties during the period of their stay at the CRM. Visitors will be provided with office space and working facilities at the Centre, as well as house-finding assistance if necessary. Support for housing expenses can be requested, although the CRM can only assign an overall small amount of support to visits outside its Research Programmes. Visits should be carried out during the academic year (from September to July). A resolution will be given by the CRM no later than three months after submission of the application.
Closing date: Applications can be submitted any time between 6 and 12 months before the start of the desired stay.
http://www.crm.cat/en/VisitingTheCRM/Pages/G
uidelinesvisitingCRM.aspx

Research in Pairs in Barcelona.

Centre de Recerca Matemàtica.
Catalonia, Spain.
Application are welcome for stays at the CRM aiming to carry out collaborative research work of a small team of people, consisting of: a principal investigator, staying at the CRM for a quarter or a semester. One or two collaborators, staying at the CRM for at least one month. Researchers from Catalan universities can apply as principal investigators if they are free from teaching duties during the period of their stay at the CRM. Office space and working facilities will be provided by the CRM, as well as house-finding assistance if necessary. Support for housing expenses can be requested, and priority will be given to applications with a self-funded principal investigator. Visits should be carried out during the academic year (from September to July).
Closing date: Applications can be submitted any time generally between 6 and 12 months before the start of the desired stay.
http://www.crm.cat/en/VisitingTheCRM/Pages/C
OLLABORATION-RESEARCH-STAYS.aspx

Visiting the IMUS.
IMUS.
University of Sevilla, Spain.
IMUS offers the possibility of hosting researchers wishing to stay at the Institute for a period ranging from one to twelve months. Priority will be given to those researchers having a research plan, with likely a training proposal in their fields, to be developed in collaboration with IMUS members. Visitors will be provided with office space and working facilities at the Institute, as well as house-finding assistance if necessary. No financial support will be provided for these visits(*). Nevertheless, IMUS could help to apply for external financial sources, especially for those researchers who are in a sabbatical period from their home institution.
Applications can be submitted any time by filling out this form. For short periods (around 2 months), it will be enough to submit the application 2 months before the initial date of the desired stay. For longer periods, we recommend to submit the application 1 year before the starting date.
An answer will be given within one month of the submission of the application.
Closing date: Applications can be submitted any time.
http://www.imus.us.es/es/contenido/intercall

Awards

EMS award.
European Mathematical Society Closing date: November 1, 2015.
`http://www.euro-math-soc.eu/ems-prizes`

Dnes Knig Prize in Discrete Mathematics.
Society for Industrial and Applied Mathematics Closing date: 1st November 2015.
`https://www.siam.org/prizes/nominations/nom_siag_konig.php`

Felix Klein Award.
European Mathematical Society Closing date: 31 December, 2015.
`http://www.7ecm.de/prizes/felixkleinprize.html`

Whittaker Prize.
Edinburgh Mathematical Society Closing date: Autumn 2015.

`http://www.ems.ac.uk/Whittaker_Prize/`

SIAM student paper prize.
Society for Industrial and Applied Mathemathics Closing date: February 15th, 2016.
`https://www.siam.org/prizes/nominations/nom_student.php`

Coxeter-James Prize.
Canadian Mathematical Society Closing date: June 2016.
`https://cms.math.ca/Prizes/cj-nom`

Noether Lectures.
AWM Association for women in Mathematics Closing date: October 15th, year N for the year N+2 lecture.
`https://www.mathprograms.org/db/programs/299`

Financial support for research projects and conferences

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.

Commision 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/`

Interesting news and publications

Journal of Geometric Mechanics (JGM).
Volume 7, Number 4, December 2015.
`https://aimsciences.org/journals/home.jsp?journalID=17`

IMU-Net 70.
September 2015.
`http://www.mathunion.org/imu-net`

ICMAT Newsletter.
Tenth number.
`http://www.icmat.es/outreach/newsletter/num10`

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.
`http://www.bgsmath.cat/currentopencalls/`

Online Encyclopedia of Mathematics.
`http://www.encyclopediaofmath.org/index.php/Main_Page`

Mathematics in Europe.
`http://www.mathematics-in-europe.eu/`

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=CI2AgK6-7MUCFc_ItAodMCEAIQ`

Search of academic jobs in Mathematics in the UK.
Look for PhD, post doc positions, research assistant, etc. `http://www.jobs.ac.uk/categories/postdoc-jobs`

Search of academic jobs in Mathematics worldwide.
Look for PhD, post doc positions, research assistant, etc. `http://www.findapostdoc.com/,https://www.postdocjobs.com/`

Search of academic jobs in Mathematics in Spain.
Look for PhD, post doc positions, research assistant, vacant jobs, lectureships `http://www.indeed.com/q-Postdoctoral-jobs.html,http://www.madrimasd.org/`

Courses online of Mathematics, Physics,...
Courses from 62 universities.
`https://www.coursera.org/courses?orderby=upcoming`

Advice for New Ph.D.'s.
`http://www.ams.org/profession/career-info/new-phds/new-phds`

Professional network for scientists.
`http://www.researchgate.net/`

The American Mathematical Society bookstore.
`http://www.ams.org/bookstore/whatsnew`

Network's members preprints and papers

P. Balseiro and N. Sansonetto: *A geometric characterization of certain first integrals for nonholonomic systems with symmetries.*
1510.08314
[math.DS math-ph math.MP math.SG]

M. Asorey, A. Ibort, G. Marmo and F. Ventriglia: *Quantum tomography twenty years later.*
1510.08140
[math-ph math.MP]

A. Bautista, A. Ibort and J. Lafuente: *The contact structure in the space of light rays.*
1510.08139
[math.DG]

M. Asorey, A. Ibort and G. Marmo: *The topology and geometry of self-adjoint and elliptic boundary conditions for Dirac and Laplace operators.*
1510.08136
[math-ph math.MP]

A.G. García, M.A. Hernández-Medina and A. Ibort: *Towards a quantum sampling theory: the case of finite groups.*
1510.08134
[math-ph math.MP]

M. Crainic, R. Loja Fernandes and D. Martinez Torres: *Poisson manifolds of compact types (PMCT 1).*
1510.07108
[math.DG math.SG]

K. Ebrahimi-Fard and F. Patras: *The combinatorics of Green's functions in planar field theories.*

1509.08678
[math-ph math.CO math.MP]

A.C. Casimiro and C. Rodrigo: *Symmetry-*

preserving discretization of variational field theories.
1509.08750
[math-ph math.MP math.NA]

Network's collaborators preprints and papers

B. Janssens and K.-H. Neeb: *Momentum maps for smooth projective unitary representations.*
1510.08257
[math.RT math-ph math.MP]

F. Magri: *Haantjes manifolds and Veselov systems.*
1510.07951
[math-ph math.MP nlin.SI]

F. Magri: *WDVV equations.*
1510.07950
[math-ph math.MP nlin.SI]

B. Janssens and K.-H. Neeb: *Covariant central extensions of gauge Lie algebras.*
1510.07938
[math.RT math.DG]

P.E.T. Jorgensen, K.-H. Neeb and G. Olafsson: *Reflection positive stochastic processes indexed by Lie groups.*
1510.07445
[math-ph math.MP]

T. Daudé, N. Kamran and F. Nicoleau (LMJL): *Non-uniqueness results for the anisotropic Calderon problem with data measured on disjoint sets.*
1510.06559
[math-ph math.MP math.SP]

F. Diacu, S. Ibrahim and J. Sniatycki: *The continuous transition of Hamiltonian vector fields through manifolds of constant curvature.*
1510.06327
[math.DS math-ph math.CA math.MP]

I. Bucataru, T. Milkovszki and Z. Muzsnay: *Invariant metrizability and projective metrizability on Lie groups and homogeneous spaces.*
1509.04414
[math.DG]

B. Jovanovic and V. Jovanovic: *Virtual billiards and Heisenberg model in pseudo-Euclidean spaces:.*
1510.04037

[nlin.SI math.SG]

K.-H. Neeb: *Kaehler geometry, momentum maps and convex sets.*
1510.03289
[math.SG math.CV]

S. Tolman: *Non-Hamiltonian actions with isolated fixed points.*
1510.02829
[math.DG math.DS]

S. Tolman and J. Watts: *Tame circle actions.*
1510.01721
[math.SG]

T. Ohsawa: *Symplectic group, ladder operators, and the Hagedorn wave packets.*
1510.00993
[math-ph math.MP math.SG quant-ph]

F. Gay-Balmaz and H. Yoshimura: *A Lagrangian formalism for nonequilibrium thermodynamics.*
1510.00792
[math-ph math.MP]

A.J. Bruce, K. Grabowska, J. Grabowski and P. Urbański: *New developments in geometric mechanics.*
1510.00296
[math-ph math.DG math.MP]

K. Ebrahimi-Fard and F. Patras: *The combinatorics of Green's functions in planar field theories.*
1509.08678
[math-ph math.CO math.MP]

J. Grabowski, K. Grabowska and P. Urbański: *Tulczyjew triples in the constrained dynamics of strings.*
1509.07977
[math-ph math.DG math.MP]

O. Podvigina and P. Chossat: *Asymptotic stability of pseudo-simple heteroclinic cycles in R^4.*
1509.07277
[math.DS math-ph math.MP nlin.CD]

A.P. Balachandran: *QCD breaks Lorentz invariance and colour.*
1509.05235
[hep-th math-ph math.MP]

H. Bursztyn and R. Loja Fernandes: *Picard groups of Poisson manifolds.*
1509.03780
[math.DG math.SG]

Other Conferences

Texas Analysis and Mathematical Physics Symposium.
November 6–8, 2015. TU Dallas, Texas, USA..
https://www.ma.utexas.edu/users/tc/TeXAMP/TeX
AMP-2015/TeXAMP-2015.html

Conference in noncommutative Geometry.
November 2–6, CIRM, Marseille Luminy, France..
www.ams.org/mathcal/info/2015_nov2-6_marseil
leluminy.html

The 14th International Conference on Mathematics and its Applications-Icma 2015. Workshop on Mathematical Methods in Quantum Information Theory. Workshop on Dynamical Systems and their Application.
November 5–7,2015. Politehnica University of Timisoara, Romania. .
www.ams.org/mathcal/info/2015_nov5-7_politeh
nicauniversityoftimisoara.html

Controllability of Partial Differential Equations and Applications.
November 9–13, 2015. Marseille, France.
http://www.cirm-math.fr/spip.php?rubriqu
e2$&$EX=liste_rencontre$&$annee=2015$&$lang=
en

Fourth regional conference in Mathematical Physics.
November 9–14, 2015. Islamabad, Pakistan..
http://conf.qau.edu.pk

Workshop of Quantum Simulation and Quantum Walks 2015.
November 16–18, 2015. Yokohama, Japan..
http://qm.ims.ac.jp/qdqw2015/

New Perspectives in Differential Geometry: Special Metrics and Quaternionic Geometry.
November, 16–20. University Rome 1, Rome, Italy.
http://www.ams.org/mathcal/info/2015_nov16-
20_rome.html

Higher Structures in String Theory and Quantum Field Theory.
November 16–December 18, 2015. Wien, Viena.
http://www.esi.ac.at/activities/events/2015/
higher-structures-in-string-theory-and-quan
tum-field-theory

The second conference of the Polish Society on Relativity: 100 years of General Relativity.
November 23–28, 2015. Warsaw, Poland.
http://potor.fuw.edu.pl/

Geometric Partial Differential Equations: surface and Bulk Processes.
November 29–December 5, 2015. Oberwolfach, Germany.
http://www.mfo.de/www/schedule/2015/all

Conference on General Relativity.
January 5–9, 2016. Hainan, China.
http://www.ams.org/meetings/calendar/2016_jan
5-9_hainan.html

SIAM Sessions at the Joint Mathematics Meetings.
January 6–9, 2016. Seattle, Washington, USA.
http://www.siam.org/meetings/jmm16/index.htm

Moduli spaces, integrable systems, and topological recursions.
January 9–13, 2016. Montreal, Canada.
http://www.crm.umontreal.ca/2016/Moduli16/in
dex_e.php

ICAMP 2016, 6th International Conference in Applied Physics and Mathematics.
January 13–14, 2016. Singapore.
http://www.icapm.org/

Connections for Women: Differential Geometry Workshop.
January 14–15, 2016. Berkeley, California, USA.
http://www.msri.org/workshops/702

Mathematical Challenges in Quantum Mechanics.
February 8 13, 2016, Bressanone, Italy.
http://www.mcqm.cond-math.it/

ICMPA 2016 : 18th International Conference on Mathematical Physics, and Applications.
February 22–23, 2016. Paris, France..
https://www.waset.org/conference/2016/02/paris/ICMPA

Introductory workshop to modern Riemannian Geometry.
March 21–25, 2016. Berkeley, California, USA.
http://www.msri.org/workshops/704

Kähler Geometry, Einstein Metrics and Generalizations.
March 21–25, 2016. Berkeley, California.
http://www.msri.org/workshops/704

XXXV Workshop on Geometric Methods in Physics.
June 26–July 2, 2016. Biaystok, Poland.
http://wgmp.uwb.edu.pl/first.html

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.
July 1–5, 2016. Florida, USA.
http://aimsciences.org/conferences/2016/index.html

IMA Conference on Turbulence, Waves and Mixing In Honour of Lord Julian Hunts 75th Birthday.
July 6–8, 2016. Kings College Cambridge, UK.
http://www.ima.org.uk/conferences/conferences_calendar/turbulencewavesmixing.html

SIAM Annual Meeting.
July 11–15, 2016. Boston, Massachusetts, USA..
http://www.siam.org/meetings/an16/

7th European Congress of Mathematics.
July 18–22, 2016. Berlin, Germany.
http://www.7ecm.de/

SIAM Conference on Nonlinear Waves and Coherent Structures (NWCS16).
August 8–11, Philadelphia, Pennsylvania.
http://www.siam.org/meetings/nwcs16/index.php

Conference on Methods of Modern Mathematical Physics.
August 22-26, Fields Institute, Toronto, Canada.
https://www.fields.utoronto.ca/programs/scientific/16-17/modern-physics/

Stochastic and Analytic Methods in Mathematical Physics.
August 29th– Sept 2nd, CRM, Montreal, Canada.
http://www.mathphys.org/Armenia2016/

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

ICERM Semester Program on Singularities and Waves In Incompressible Fluids.
January 30th–May 5th, 2017. Providence, United States..
https://icerm.brown.edu/programs/sp-s17/

Mathematical aspects of the physics with non-self-adjoint operators.
June 5–9, 2017. Marseille, France.
http://gemma.ujf.cas.cz/~david/Conferences.html

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