



GEOMETRY, DYNAMICS
AND FIELD THEORY NETWORK

December 2025

Editors: Viviana Díaz, Asier
López-Gordón, Rodrigo Sato

Contents

Network's activities	1
Other scientific events	1
Virtual seminars	4
Opportunities	4
Ph.D. offers	4
Postdoctoral fellowships . .	5
Offers for researchers	6
Research visit offers	7
Financial support	7
News and publications	8
Journals	8
In Memoriam	8
Books	9
Preprints	9
Network's members	9
Network's collaborators . .	9
Thematic partner groups	10
Links of interest	10
Newsletters	10
Entities	10
Journals	10
Prizes and awards	11

Geometry, Dynamics and Field Theory Network Infosheet

Network's activities

VIII Iberoamerican Meeting on Geometry, Dynamics and Field theory (commemorating the 60th birthday of Juan Carlos Marrero).

19–23 January 2026, La Laguna, Tenerife, Spain.

XX Young Researchers Workshop in Geometry, Dynamics, and Field Theory.

25–27 March 2026, Loughborough, United Kingdom.

Other scientific events

Winter School in Mathematical Physics.

4–9 January 2026, Les Diablerets, Switzerland.

Uncertainty in Combinatorial and Computational Geometry.

4–9 January 2026, Banff, Canada.

Winter School: Shocks and Implosions in Fluids.

6–9 January 2026, Toronto, Canada.

Turbulence and Mixing in Fluid Dynamics.

11–16 January 2026, Les Diablerets, Switzerland.

Calculus of Variations and applications.

12–16 January 2026, Luminy, France.

High Energy Spectral Theory: geometry and dynamics.

12–16 January 2026, Cambridge, United Kingdom.

School on Invariant Structures in Group Actions.

12–16 January 2026, Warsaw, Poland.

Invariant Structures in Groups, Spaces, and Algebras.

12 January–15 February 2026, Warsaw, Poland.

Geometry and Dynamics for Discrete Subgroups of Higher Rank Lie Groups.

20 January–22 May 2026, Berkeley, USA.

Pathways Workshop: Topological and Geometric Structures in Low Dimensions & Geometry and Dynamics for Discrete Subgroups of Higher Rank Lie Groups.

21–23 January 2026, Berkeley, USA.

Stability of Hamiltonian Systems and Beyond.

26–29 January 2026, Padova, Italy.

Introductory Workshop: Topological and Geometric Structures in Low Dimensions & Geometry and Dynamics for Discrete Subgroups of Higher Rank Lie Groups.

26–30 January 2026, Berkeley, USA.

Conformal Geometry, Einstein Metrics, and General Relativity.

26–30 January 2026, New York, USA.

The 12th Workshop and Conference on Lie Algebras, Algebraic Groups, and Invariant Theory.

26–31 January 2026, Moscow, Russia.

Fasso’Fest.

30–31 January 2026, Padova, Italy.

Numerical Analysis for Geometric and Non-linear PDEs.

1–6 February 2026, Oberwolfach, Germany.

High-Dimensional Learning Dynamics.

1–6 February 2026, Banff, Canada.

Hands on Machine Learning for Fluid Dynamics. (Hybrid).

2–6 February 2026, Sint-Genesius-Rode, Belgium.

Contact geometry, general relativity and thermodynamics.

9 February–20 March 2026, New York, USA.

Complex Analytic Geometry and Lie Theory.

19–20 February 2026, Bochum, Germany.

7th African Conference on Computational Mechanics.

25–27 February 2026, Cape Town, South Africa.

Women in Computational Methods for PDEs.

1–6 March 2026, Banff, Canada.

High-Dimensional Learning Dynamics.

1–6 March 2026, Banff, Canada.

Contact geometry, general relativity, and thermodynamics.

2–6 March 2026, New York, USA.

Horizons in nonlinear PDEs.

9–13 March 2026, Ulm, Germany.

Higher Structures from Symmetries in Quantum Field Theory.

15–20 March 2026, Oberwolfach, Germany.

Riemann200: Mathematics and Physics.

16–20 March 2026, Hannover, Germany.

Recent Progress in Topological and Geometric Structures in Low Dimensions.

23–27 March 2026, Berkeley, USA.

Random Geometry in Math and Physics.

23 March–1 May 2026, New York, USA.

Kinetic theory and fluid mechanics: couplings, scalings and asymptotics.

24–28 March 2026, Luminy, France.

16th International Conference on Applied Physics and Mathematics.

10–12 April 2026, Osaka, Japan.

Groups and Dynamics: Topology, Measure, and Borel Structure.

12–17 April 2026, Oberwolfach, Germany.

Geometric Analysis on Asymptotically Hyperbolic Manifolds.

12–17 April 2026, Banff, Canada.

Spring workshop: The Mathematical Roads to QFT.

13–17 April 2026, Kyoto, Japan.

Women in Mathematical Physics 3.

13–17 April 2026, Edinburgh, Scotland.

Workshop: Random Geometry in Math and Physics.

13–17 April 2026, New York, USA.

Mathematical Developments in Geophysical Fluid Dynamics.

13 April–10 July 2026, Paris, France.

Geometric structures and discrete group actions.

14–18 April 2026, Luminy, France.

Workshop on Geometric Analysis.

20–23 April 2026, Valencia, Spain.

Homogeneous Dynamics and Anosov Representations.

20–24 April 2026, Berkeley, USA.

International Conference on Mathematical Methods in Physics.

20–24 April 2026, Marrakesh, Morocco.

Fluid solid interactions and related problems.

21–25 April 2026, Luminy, France.

Workshop on Poisson geometry.

23–26 April 2026, Montreal, Canada.

Fluid-Flows on Riemannian Manifolds and the Navier-Stokes Equations.

24 April–1 May 2026, Oberwolfach, Germany.

Fluid-Flows on Riemannian Manifolds and the Navier-Stokes Equations.

26 April–1 May 2026, Oberwolfach, Germany.

Dispersive Integrable Equations: Pathfinders in Infinite-Dimensional Hamiltonian Systems.

28 April–2 May 2026, Luminy, France.

The role of Geometry in Quantum Physics: Foundations and emerging Technologies.

3–8 May 2026, Oaxaca, Mexico.

Quantum Fields Dynamics.

3 May–2 July 2027, New York, USA.

Complex Geometry and Dynamical Systems.

10–15 May 2027, Oberwolfach, Germany.

Physics and Mathematics of hydrodynamic and wave turbulence.

26–30 May 2026, Luminy, France.

Moduli spaces and graph complexes in algebra, geometry and physics.

31 May–5 June 2026, Les Diablerets, Switzerland.

Complexity, information, and tractable simulations of quantum many-body dynamics.

1 June–2 July 2026, New York, USA.

Ergodic geometry and discrete groups in irregular worlds /beyond Riemann.

1–5 June 2026, Luminy, France.

XXVI International Conference Geometry, Integrability and Quantization.

4–11 June 2026, Varna, Bulgaria.

Hamiltonian Systems and Celestial Mechanics.

7–12 June 2026, Oaxaca, Mexico.

Geometry and Dynamics of Discrete Actions.

15–20 June 2026, Cuernavaca, Mexico.

Summer conference: The Mathematical Roads to QFT.

22–26 June 2026, Kyoto, Japan.

Paths to Quantum Field Theory.

22–26 June 2026, New York, USA.

Effective Approximation and Dynamics of Many-Body Quantum System.

29 June–3 July 2026, Bremen, Germany.

Frontiers in Noncommutative Geometry and its Applications.

5–10 July 2026, Hangzhou, China.

Regularity theory for evolution equations.

5–10 July 2026, Les Diablerets, Switzerland.

Recent trends in differential geometry.

5–12 July 2026, Będlewo, Poland.

Differential geometric methods in modern physics.

1–11 July 2026, Będlewo, Poland.

New trends in elliptic PDEs.

13–17 July 2026, Będlewo, Poland.

36th International Colloquium on Group Theoretical Methods in Physics.

13–17 July 2026, Valladolid, Spain.

Analysis of Partial Differential Equations arising in Physics.

13–17 July 2026, New Jersey, USA.

Automated Reasoning for Quantum Mechanics.

13–17 July 2026, Leiden, Netherlands.

1st International Online Conference on Symmetry.

20–22 October 2026, Basel, Switzerland.

Virtual seminars

Seminar of the Geometry, Dynamics, and Field Theory Thematic Network.

Instituto de Ciencias Matemáticas' seminars on these topics.

Geometry and Applications: Modern Mathematical Approaches (GAMMA) Seminar.

University of Warsaw, the Universitat Rovira i Virgili, and the Polytechnic University of Catalonia.

Reading Groupoid Sessions (In person or virtually).

A collective study sessions dedicated to Lie Groupoids and their connection to Mathematical Physics.

Advanced Lectures on Theoretical Physics and Mathematics.

ICTP-PWF Latin America-Physics Latam New Seminar Series.

Trans-Carpathian Seminar on Geometry and Physics.

A merger of Bucharest Geometry and Physics Seminar and Warsaw Seminar on Geometric Methods in Physics.

One World IAMP Mathematical Physics Seminar.

Seminar of International Association of Mathematical Physics.

Seminar on Geometry with Symmetries.

On Lie group actions in Riemannian geometry.

Control and Optimization Seminar.

Louisiana State University.

Differential Geometry Seminar Torino.

Organised by the Differential Geometry groups of Università di Torino and Politecnico di Torino.

Symplectic Zoominar.

Online Seminar organized by CRM-Montréal, Princeton/IAS, Tel Aviv, and Paris.

ICTP Virtual Seminars.

Online Seminar organized by International Centre for Theoretical Physics.

Theory of Duality Seminar.

Department of Mathematical Methods in Physics, University of Warsaw.

Geometry and Topology Online.

Warwick Mathematics Institute.

Instituto Balseiro Seminar.

Instituto Balseiro' public seminars live on Youtube.

Opportunities

Ph.D. offers

2 predoctoral fellowships on fluid mechanics.

Institute of Mathematical Sciences (ICMAT), Madrid, Spain

Closing date: 8 January 2026.

Geometry and Mechanics in Active Morphing Systems.

School of Engineering, University of Edinburgh, Scotland, UK

Closing date: 11 January 2026 at 12:00.

Ph.D. in Mathematics in Natural, Social and Life Sciences.

Gran Sasso Science Institute, L'Aquila, Italy

Closing date: 13 January 2026.

PhD fellowships in Geometry and Mathematical Physics.

Scuola Internazionale Superiore di Studi Avanzati (SISSA), Trieste, Italy

Closing date: 19 January 2026.

PhD position in Algebra and Geometry of Landau-Ginzburg models.

Queen Mary University of London, England, UK

Closing date: 28 January 2026.

2 Maryam Mirzakhani PhD scholarships for female students.

Ecole Doctorale Mathématique Hadamard (EDMH), Paris-Saclay, France

Closing date: 31 January 2025.

PhD in Generalized Symmetry in Quantum Field Theory.

University of Birmingham, England, UK

Closing date: 16 February 2026.

Doctoral student in Geometric Hydrodynamics.

Chalmers University of Technology, Gothenburg, Sweden

Closing date: 23 February 2026.

Doctoral Scholarship on Generating Categories in Symplectic and Algebraic Geometry.

Managed jointly by the School of Mathematics and Statistics at St Andrews University (Scotland, UK) and the Mathematical Institute at Bonn (Germany).

Closing date: 27 February 2026.

Doctoral position in Numerical Analysis of the electronic Schrödinger equation.

Centre for Mathematics, Technical University of Munich, Germany

Closing date: 28 February 2026.

Predocctoral position on Geometric analysis under curvature bounds.

Faculty of Mathematics, University of Vienna, Austria

Closing date: No fixed application deadline. Intended starting date: 1 Sept.-1 Nov. 2026.

PhD in Theoretical Quantum Physics.

University of Luxembourg, Luxembourg

Closing date: Open. Applications will be processed upon reception.

Postdoctoral fellowships

Math Fellow in geometry/topology or other areas.

University of California, Santa Cruz (UCSC), USA

Closing date: 5 January 2026 (full consideration), 31 August 2026 (final).

Mathematics Postdoctoral Fellowships.

The Abdus Salam International Centre for Theoretical Physics

Closing date: 7 January 2026.

Pure Mathematics Postdoctoral Scholar with special interest in Geometry and Topology, Model Theory, and Quantum Information.

University of Waterloo, Ontario, Canada

Closing date: 9 January 2026.

Post-doctoral Position in Geometric Analysis.

Vrije Universiteit Brussel, Belgium

Closing date: 9 January 2026.

Assistant professor position.

Department of Mathematical Methods in Physics, University of Warsaw, Poland

Closing date: 11 January 2026.

Postdoc Positions.

Department of Mathematics / Center of Mathematics (CMUP), Faculty of Sciences of the University of Porto (FCUP), Portugal

Closing date: 13 January 2026.

2-year postdoctoral position in Geometry.

University of Luxembourg, Luxembourg

Closing date: 15 January 2026.

Two Postdoctoral Research Scholarships in Mathematics and Applications.

Center for Mathematics and Applications, NOVA University Lisbon, Portugal

Closing date: 16 January 2026.

Borland Fellowship in Mathematical Physics.

Imperial College, London, UK

Closing date: 18 January 2026.

Individual Call to Scientific Employment Stimulus.

Portuguese Science Foundation (FCT), Portugal

Closing date: 19 January 2026 at 18:00 CEST.

Open call for temporary research position.

Institute of Mathematic of the Polish Academy of Sciences (IMPAN), several cities in Poland

Closing date: 30 January 2026.

Open call for 3-7 years assistant professor/IM PAN professor/full professor positions.

Institute of Mathematic of the Polish Academy of Sciences (IMPAN), several cities in Poland

Closing date: 30 January 2026.

Open call for Waław Sierpiński Postdoctoral Programme.

Institute of Mathematic of the Polish Academy of Sciences (IMPAN), several cities in Poland

Closing date: 30 January 2026.

Open call for temporary research positions in applied mathematics, with specializations

in: machine learning, numerical analysis, statistics and probability.

Institute of Mathematic of the Polish Academy of Sciences (IMPAN), several cities in Poland

Closing date: 30 January 2026.

5 Postdoctoral Research Positions in Geometry.

Brazilian Centre for Geometry (CBG), São Paulo, Brazil

Closing date: 23 February 2026.

Postdoc in qunatum groups and applications to quantum information theory.

Institute of Mathematic of the Polish Academy of Sciences (IMPAN), Warsaw, Poland

Closing date: 1 March 2026, at 23:59 CET.

Postdoc in noncommutative geometry.

Ariel University, Various locations, Israel

Closing date: 31 March 2026.

Beatriu de Pinós Program.

Catalonia, Spain

Closing date: 24 July 2026 at 11:00 AM CEST.

Offers for researchers

Full-time Faculty Position.

Koç University, Istanbul, Turkey

Closing date: 9 January 2026.

Regius Professorship of Mathematics.

Mathematical Institute in association with Merton College, University of Oxford, UK

Closing date: 12 January 2026.

Tenure Track Assistant Professor or Associate Professor in Geometry.

University of Trento, Italy

Closing date: 14 January 2026.

Open call for permanent positions.

Institute of Mathematic of the Polish Academy of Sciences (IMPAN), Warsaw and other cities in Poland

Closing date: 30 January 2026.

Tenure-Track Faculty Position at the Intersection of AI, Theoretical Physics and Mathematical Foundations.

University of Waterloo, Ontario, Canada

Closing date: 31 January 2026.

Tenure Position in Mathematics.

HUN-REN Alfréd Rényi Institute of Mathematics, Budapest, Hungary

Humboldt Research Fellowship for Postdoctoral Researchers.

Alexander von Humboldt Foundation

Closing date: Open.

Tenure-Track and Post-Doc Positions.

Mathematics Research Lab, Baku State University, Azerbaijan

Closing date: The hiring committee will begin reviewing applications immediately. Positions will remain open until filled.

Postdoctoral Positions in Differential Geometry, Algebraic Geometry, Topology and Quantum Field Theory.

Institute of Geometry and Physics, University of Science and Technology of China, Hefei, China

Closing date: none.

Research Assistant Professor Positions in Differential Geometry, Algebraic Geometry, Topology and Quantum Field Theory.

Institute of Geometry and Physics, University of Science and Technology of China, Hefei, China

Closing date: none.

Closing date: 15 February 2026.

Faculty position for outstanding female candidates.

Scuola Internazionale Superiore di Studi Avanzati (SISSA), Trieste, Italy

Closing date: 2 March 2026.

Tenure track Assistant / Associate / Full Professor and Part-time Professor.

School of Mathematics, Harbin Institute of Technology, China

Closing date: 12 March 2026.

Several positions in areas including Computational Mathematics, Complex Geometry, Geometric Analysis, and Mathematical Physics.

School of Mathematics and Statistics, Wuhan University, China

Closing date: 26 November 2026.

Tenured/tenure-track faculty.

Institute of Mathematical Sciences, ShanghaiTech University, Shanghai, China

Closing date: Open. Applications will be evaluated on a rolling basis until all the positions are filled.

Tenure-Track and Post-Doc Positions.

Mathematics Research Lab, Baku State University, Azerbaijan

Closing date: The hiring committee will begin reviewing applications immediately. Positions will remain open until filled.

Faculty Positions in Mathematical Sciences.

School of Mathematics and Statistics, Beijing Institute of Technology, China

Closing date: Applications are reviewed on a rolling basis year-round. Early submission is encouraged.

Research visit offers

Abel Visiting Scholar Program.

International Mathematical Union.

Postdoctoral mathematician to visit a research collaborator for a month.

Closing date: 31 December, 30 April and 31 August.

Simons Visiting Professors at Mathematisches Forschungsinstitut Oberwolfach.

Oberwolfach, Germany.

Junior or senior scientists from outside Europe.

Closing date: Open.

Focused research groups in Banff, Canada.

Banff International Research Station, Canada.

Up to 8 researchers for periods of 1 to 2 weeks.

Closing date: Minimum 4 months before the event.

Research in Teams in Banff, Canada.

Banff International Research Station, Canada.

Teams of 2 to 4 researchers for 1 to 2 weeks.

Closing date: Minimum 4 months before the event.

International Research in Groups at CIRM.

Centre International de Rencontres Mathématiques (CIRM), France.

Tenure-track Assistant Professor Positions in Differential Geometry, Algebraic Geometry, Topology and Quantum Field Theory.

Institute of Geometry and Physics, University of Science and Technology of China, Hefei, China

Closing date: none.

Associate and Full Professor Positions in Differential Geometry, Algebraic Geometry, Topology and Quantum Field Theory.

Institute of Geometry and Physics, University of Science and Technology of China, Hefei, China

Closing date: none.

Small groups of researchers for 2 to 4 weeks.

Closing date: Open at any time.

Research in Residence at CIRM.

Centre International de Rencontres Mathématiques (CIRM), France.

2 to 4 researchers.

Closing date: Open at any time.

Visiting scholar opportunity in Cambridge.

University of Cambridge, United Kingdom.

Scholars and fellows for development of research, teaching and collaboration.

Closing date: Open.

Small team visiting the CRM.

Centre de Recerca Matemàtica, Catalonia, Spain.

Postdoctoral positions and research in pairs.

Closing date: Any time between 6 and 12 months before the start of the desired stay.

Visiting research fellow in Kent State University.

Mathematics Department-KSU, Ohio, USA.

Visiting for scholar researchers.

Closing date: Open.

Financial support

Research in Pairs.

The ICTP and the Istituto Nazionale di Alta Matematica-INdAM, Trieste, Italy.

Deadline: 6 January 2026.

Travel Support for Mathematicians.

Simons Foundation's Mathematics & Physical Sciences (MPS), New York, United States.

Deadline: 29 January 2026.

Thematic Programs at MSRI.

Mathematical Sciences Research Institute, Berkeley, United States.

Deadline: 1 March, 1 October, and 1 December, every year. Three years ahead.

Hot topics Workshop at MSRI.

Mathematical Sciences Research Institute, Berkeley, United States.

Deadline: 1 March, 1 October, and 1 December, every year..

Summer Graduate Schools at MSRI.

Mathematical Sciences Research Institute, Berkeley, United States.

Deadline: 1 March, 1 October, and 1 December, every year..

Full or Half-year Scientific Programs.

Simons Laufer Mathematical Sciences Institute, Berkeley, United States.

Deadline: 1 March, 1 October, and 1 December, every year..

Hot Topic Workshops.

Simons Laufer Mathematical Sciences Institute, Berkeley, United States.

Deadline: 1 March, 1 October, and 1 December, every year..

Revisiting Fundamental Problems Workshop.

Simons Laufer Mathematical Sciences Institute, Berkeley, United States.

Deadline: 1 March, 1 October, and 1 December, every year..

Workshop at CIRM.

Centre International de Rencontres Mathématiques, France.

Deadline: Open at any time.

CIMPA Online Courses Program.

Geographic areas of activities of CIMPA (Africa, Central or South America, Asia).

Deadline: Open all year.

Support for Workshop Organization at Banff.

Banff International Research Station.

Deadline: No precise deadline.

Proposal of a Workshop in the Mathematisches Forschungsinstitut Oberwolfach.

Oberwolfach, Germany.

Deadline: Open.

Targeted Grants in Mathematical and Physical Sciences.

Simons Laufer Mathematical Sciences Institute, Berkeley, United States.

Deadline: At any time.

Hosting a workshop at AIMS South Africa.

Contributions for workshops about AIMS's research focus areas.

Deadline: No precise deadline.

News and publications

Journals

Geometric Mechanics.

Published by World Scientific about applications of geometric methods in mechanics, dynamics, control, transport, stochastic processes, data science, and learning.

Deadline: No precise deadline.

Geometric methods in mechanics and

physics.

Open-access sponsored by the International Research Center for Mathematics & Mechanics of Complex Systems Journal (Italy). On topics such as variational methods, numerical methods, and optimization techniques.

Deadline: No precise deadline.

In Memoriam

Obituary in memory of Professor Marisa Fernández.

We share with deep sorrow the obituary written by Manuel de León in memory of Professor Marisa Fernández (University of the Basque Country), a distinguished geometer whose scientific and community contributions have had a lasting impact on

our field. A Spanish version of the obituary is also available in RSME Newsletter.

Special issue of Geometric Mechanics.

In honor of Hernán Cendra, in recognition of his contributions and influence.

Deadline: 30 April 2026.

Books

Geometry of Mechanics.

The book explores the geometric foundations of classical mechanics, focusing on symplectic, cosymplectic, and Riemannian structures in Lagrangian and Hamiltonian formalisms. It also presents advanced frameworks like the unified Lagrangian–Hamiltonian approach, geometric Hamilton–Jacobi theory, and contact geometry for non-conservative systems, with exercises linking theory

and applications.

Geometric Mechanics. Part III: Broken Symmetry and Composition of Maps.

The book offers 31 lecture-style chapters that progress from finite-dimensional dynamical systems to manifolds, Lie groups, and modern PDE applications in continuum mechanics. With examples and nearly 200 exercises, it serves as a valuable resource for advanced students and researchers.

Preprints

Network's members

Brandon Bao, Jorge Cortés and Sonia Martínez: *Distributed Time-Varying Coverage Control via Singular Perturbations.*

2512.02163

[math.OC]

Alberto Enciso, Gunther Uhlmann and Michał Wrochna: *The Dirichlet-to-Neumann map on asymptotically anti-de Sitter spaces and holography.*

2512.03587

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

Simone Betteti, William Retnaraj, Alexander Davydov, Jorge Cortés and Francesco Bullo: *Competition, stability, and functionality in excitatory-inhibitory neural circuits.*

2512.05252

[q-bio.NC, cond-mat.dis-nn, math.OC]

James M. Louw and Juan Pablo Ortega: *Learning the climate of dynamical systems with state-space systems.*

2512.15530

[nlin.CD, math.DS]

Luis Crespo and Álvaro Pelayo: *Group actions on p -adic symplectic manifolds.*

2512.15575

[math.SG, math-ph]

Alexandre Anahory Simões and Leonardo Colombo: *Variational Dissipative Mechanics on Lie Algebroids.*

2512.17424

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

Leonardo Colombo: *Structure-Preserving Optimal Control of Open Quantum Systems via a Discrete Contact PMP.*

2512.18879

[quant-ph, math-ph, math.NA, math.OC]

Eva Miranda and Isaac Ramos: *Classical billiards can compute.*

2512.19156 (version 2)

[math.DS, cs.CC, math-ph]

Network's collaborators

Francesca Rossi, Veronica Centorrino, Francesco Bullo and Giovanni Russo: *Neural Policy Composition from Free Energy Minimization.*

2512.04745

[math.OC, cs.AI, eess.SY, nlin.AO]

Bozidar Jovanovic, Tijana Sukilovic and Srdjan Vukmirovic: *Normal sub-Riemannian geodesics related to filtrations of Lie algebras.*

2512.05553

[math.DG, math.OC, nlin.SI]

Luis Álvarez Cónsul, Mario García Fernández, Óscar García Prada and Samuel Trautwein: *Universal Hitchin moduli spaces.*

2512.07553

[math.DG, math.AG]

Alexey V. Bolsinov, Andrey Yu. Konyaev and Vladimir S. Matveev: *Stäckel problem for non-diagonal Killing tensors: Yano-Patterson lifts, algebra of strong symmetries and quadratic in momenta integrals.*

Thematic partner groups

GEOMETRY, DYNAMICS AND FIELD THEORY NETWORK

Mathematical physics group - Universidad de Burgos (Burgos, Spain)

Geometry group - Universität Würzburg (Würzburg, Germany)

Geometric mechanics group - Universidad Nacional del Sur (Bahía Blanca, Argentina)

Geometry group - Università degli Studi di Salerno (Salerno, Italy)

Geometry and mathematical physics group - Loughborough University (Loughborough, United Kingdom)

Q-Math group - Universidad Carlos III (Madrid, Spain)

Geometry, dynamics, and learning team - Nanyang Technological University (Singapore, Singapore)

Control and geometry team - Inria Paris Center (Paris, France)

Geometrical mathematical physics research group (Madrid, Spain)

Réseau de recherche en physique mathématique (Dijon – Lyon – Metz, France)

Links of interest

Newsletters

International Mathematical Union (IMU) Newsletter - November 2025

Instituto de Ciencias Matemáticas (IC-

MAT) Newsletter - November 2025

International Association of Mathematical Physics Bulletin - May 2025

Entities

European Mathematical Society

Royal Spanish Mathematical Society (RSME)

International Association of Mathematical Physics

International Centre for Theoretical Physics (ICTP)

Association for Women in Mathematics (AWM)

European Research Council

European Commission Funding & Tenders Portal

European Commission - Research and Innovation

International Center of Pure and Applied Mathematics (CIMPA)

Mathematical and physical sciences funding, National Science Foundation, USA

Journals

Geometric Mechanics

Computational Mechanics

Open Access Mathematics Journals

Open Access American Institute of Mathe-

matical Sciences (AIMS) Journal

Open Access Physics Journals

Societat Catalana de Matemàtiques (SCM) journal on Mathematics

Prizes and awards

IACM Computational Mechanics Award	Association for Women in Mathematics Awards
IACM O.C. Zienkiewicz Award	
IACM Congress Medal (Gauss-Newton Medal)	IEEE Control Systems Society Awards
IACM John Argyris Award for Young Scientists	Royal Society of London Premier Medals and Awards
IACM Fellows Award	London Mathematical Society Prizes
SIAM Activity Groups award various prizes	The Shaw Prize
International Mathematical Union Awards and Prizes	The Henri Poincaré Prize
Other Prizes of International Mathematical Union	The British Royal Society Grants
American Mathematical Society Prizes and Awards	The British Royal Society's medals and award

NOTE: If you want to include information in this info-sheet, please send it to gmcactivities@gmail.com