



GEOMETRY, DYNAMICS
AND FIELD THEORY NETWORK

June 2026

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Geometry, Dynamics and Field Theory Network Infosheet

Outstanding workshop

2nd International Workshop on Geometric Field Theory.
6–8 July 2026, Warsaw, Poland.

New Advances in Contact and Symplectic Hamiltonian Dynamics.
13–17 July 2026, Madrid, Spain.

XXXIV International Fall Workshop on Geometry and Physics.
1–4 September 2026, Tarragona, Spain.

Other scientific events

Complexity, information, and tractable simulations of quantum many-body dynamics.
1–2 July 2026, New York, USA.

International Conference on Differential Equations and Dynamical Systems.
3–8 July 2026, Suzdal, Russia.

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.

Variational Problems in the Physical and Data Sciences: Analysis, Modeling, and Simulation.
5–10 July 2026, Banff, Canada.

Recent trends in differential geometry.
5–11 July 2026, Będlewo, Poland.

International Conference on Experimental Mechanics.
6–9 July 2026, Palermo, Italy.

Thematic Sessions at 15th American Institute of Mathematical Sciences Conference.
6–10 July 2026, Athens, Greece.

Special Sessions at 15th American Institute of Mathematical Sciences Conference.

6–10 July 2026, Athens, Greece.

Differential Geometry 2026.

7–10 July 2026, Cagliari, Italy.

Differential geometric methods in modern physics.

7–11 July 2026, Będlewo, Poland.

Dynamical Systems: Inverse Problems, Stability and Control Processes.

9–10 July 2026, Moscow, Russia.

New trends in elliptic PDEs.

12–18 July 2026, Będlewo, Poland.

Analysis of Partial Differential Equations arising in Physics.

13–16 July 2026, New Jersey, USA.

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.

XXII Escola de Geometria Diferencial.

13–17 July 2026, Teresina, Brazil.

New Perspectives on Evolution Equations and Related Topics.

13–17 July 2026, London, United Kingdom.

A Panorama of Quantum Topology - Recent Progress in Quantum Algebra, Low-Dimensional Topology, and Mathematical Physics.

17–24 July 2026, Banff, Canada.

17th World Congress on Computational Mechanics.

19–24 July 2026, Munich, Germany.

Geometric Methods in Optimization and Numerical Analysis.

19–24 July 2026, Oberwolfach, Germany.

Differential-geometric and topological methods in modern physics.

19–28 July 2026, Będlewo, Poland.

Physical Mathematics of Quantum Field Theory.

20–24 July 2026, Amherst, USA.

Noncommutative Geometry and Higher Structures.

20–24 July 2026, Coimbra, Portugal.

Advanced Methods of Modern Theoretical Physics: Integrable and Stochastic Systems.

20–25 July 2026, Dubna, Russia.

Rutgers Gauge Theory, Low-Dimensional Topology, and Geometric Analysis Conference.

23–30 July 2026, Philadelphia, USA.

Quantum Algorithms for Differential Equations.

27–31 July 2026, Toronto, Canada.

School on Open Quantum Systems: theory and experiment.

27 July–7 August 2026, São Paulo, Brazil.

Geometric Flows and Related Topics.

2–7 August 2026, Banff, Canada.

Geometric Methods in Scientific Machine Learning.

2–7 August 2026, Oberwolfach, Germany.

Partial Differential Equations for Many Particles Systems.

3–7 August 2026, Providence, USA.

XIV America's Conference on Differential Equations and Nonlinear Analysis.

3–7 August 2026, Toronto, Canada.

Summer School Poisson 2026.

3–7 August 2026, Antwerp, Belgium.

Thermality in Quantum Field Theory in Curved Spacetimes.

3–7 August 2026, São Paulo, Brazil.

Second Colombian Geometry and Topology Meeting.

3–14 August 2026, Cali, Colombia.

Novel Developments in Spectral Theory and the Dynamics of Quantum Systems with Applications.

9–14 August 2026, Oberwolfach, Germany.

Stable and unstable Dynamics in PDEs and Hamiltonian Systems.

9–14 August 2026, Oaxaca, Mexico.

Poisson 2026: Conference.

10–14 August 2026, Leuven, Belgium.

Quantum Thermodynamics Conference.

10–14 August 2026, Natal, Brazil.

Summer School on Geometry.

10–21 August 2026, Utrecht, Netherlands.

Symposium on Recent advances on Quantum Algorithms for Differential Equations: Theory and Applications.

10–14 August 2026, Toronto, Canada.

Recent Breakthroughs and New Perspectives on the Interplay between Fluid Mechanics and Kinetic Theory.

16–21 August 2026, Banff, Canada.

Symmetries, Invariants and Singularities in Algebraic Geometry with a view towards Latin America.

16–21 August 2026, Oaxaca, Mexico.

International Congress on Differential Geometry and Related Topics.

17–18 August 2026, Izmir, Turkey.

Mathematical Foundations of Physical Field Theories.

17–21 August 2026, Brasov, Romania.

Representation Theory Under the Influence of Quantum Field Theory.

17 August–18 December 2026, Berkeley, USA.

Poisson 2026 - Conference.

19–14 August 2026, Leuven, Belgium.

Geometry and Integrability.

23–27 August 2026, Będlewo, Poland.

Summer School on Geometric Analysis in Physics.

23–27 August 2026, Toronto, Canada.

Moduli Spaces, Quantization and Poisson Geometry.

23–28 August 2026, Les Diablerets, Switzerland.

Geometry and Integrability.

24–27 August 2026, Będlewo, Poland.

Loop Models, Conformal Field Theory, and Geometry.

24–28 August 2026, Luminy, France.

Research Collaboration Workshop in Contact and Symplectic Geometry/Topology.

24–28 August 2026, Los Angeles, USA.

Algebra and Geometry meets Quantum Fields and Strings.

24 August–11 September 2026, Hamburg, Germany.

Physics and mathematics of turbulence in different media.

24 August–9 October 2026, New York, USA.

Advances in Nonlinear Partial Differential Equations in Biology.

28–30 August 2026, Banff, Canada.

Calculus of Variations.

30 August–4 September 2026, Oberwolfach, Germany.

Modave Summer School in Mathematical Physics.

30 August–4 September 2026, Modave, Belgium.

Nonlinear Diffusion and related PDEs in (non) Euclidean Settings.

30 August–4 September 2026, Banff, Canada.

Late Summer Conference in Geometric Analysis.

31 August–3 September 2026, Padova, Italy.

40 years of Analysis and PDE.

31 August–4 September 2026, Bilbao, Spain.

Trends in Differential and Complex Geometry: a celebration of Nigel Hitchin's 80th birthday.

31 August–4 September 2026, Oxford, United Kingdom.

Geometric and Probabilistic Aspects in Quantum Field Theory.

31 August–4 September 2026, Luminy, France.

Conformally Symplectic Dynamics and Geometry.

1 September 2026–30 April 2027, New Jersey, USA.

Emerging Trends in Applied Mathematics and Mechanics.

2–4 September 2026, Lodz, Poland.

Differential Geometry Workshop 2026.

2–4 September 2026, Rostock, Germany.

Modern Problems of Mathematics and Mechanics.

9–12 September 2026, Baku, Azerbaijan.

Higher Structures in Quantum Field Theory.

13–18 September 2026, Hangzhou, China.

Quantum Field Theory, Many Particle Systems and Effective Models.

13–18 September 2026, Oberwolfach, Germany.

Workshop on Calabi-Yau Manifolds and Special Lagrangian Submanifolds.

20–24 September 2026, Toronto, Canada.

Classical and Quantum Mechanical Models of Many-Particle Systems.

20–25 September 2026, Oberwolfach, Germany.

Quantum topology, character varieties and low-dimensional geometry.

23 September–18 December 2026, Los Angeles, USA.

Contemporary Trends in Hamiltonian Geometry.

27 September– 2 October 2026, Les Diablerets, Switzerland.

IAS Frontiers Conference on Geometry, Dynamics, and Learning.

28–29 September 2026, Singapore, Singapore.

Nonlinear waves: hyperbolic and dispersive models of fluid dynamics.

28 September–2 October 2026, Sochi, Russia.

Mirror Symmetry, Calabi-Yau Threefolds, and Connections to Physics.

28 September– 2 October 2026, Providence, USA.

Integrable Systems and Quantum Theory.

1–8 October 2026, Moscow and Saint-Petersburg, Russia.

Hyperbolic Structures and Quantum Invariants.

12–15 October 2026, Los Angeles, USA.

Perspective Directions in Quantum Field Theory and Superstrings.

12–17 October 2026, Moscow, Russia.

Interactions between quantum and homotopical geometry.

12 October–18 December 2026, New York, USA.

Stochastic and Relaxation Effects in Fluid Dynamics.

18–23 October 2026, Oberwolfach, Germany.

VII Workshop on Fluids and PDE.

19–23 October 2026, Recife, Brazil.

1st International Online Conference on Symmetry.

20–22 October 2026, Basel, Switzerland.

Contact Geometry, Cluster Algebras and Skein Theory.

26–29 October 2026, Los Angeles, USA.

KAM theory and PDEs.

26–30 October 2026, Luminy, France.

Spectral theory applied to physics.

28–30 October 2026, Luminy, France.

Mathematics of Physics-Oriented Machine Learning.

15–20 November 2026, Oberwolfach, Germany.

Pseudo-Hermitian Hamiltonians and Quantum Physics.

15–21 November 2026, Erice, Italy.

International Conference on Differential Geometry, Mathematical Physics, General Relativity and Computing.

26–28 November 2026, Kolkata, India.

Dynamics in Geometric Dispersive Equations and the effects of Trapping, Scattering and weak Turbulence, III.

29 November–4 December 2026, Banff, Canada.

Differential Equations and Calculus of Variations.

1–3 December 2026, Moscow, Russia.

The 15th International Conference on Computational Mechanics.

4–6 December 2026, Sanya, China.

Mathematics of Unresolved Processes in Atmosphere–Ocean Dynamics.

6–11 December 2026, Oberwolfach, Germany.

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.

Journal Club and Seminars Series in Field Theory.

International Centre for Theoretical Physics.

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.

Algebraic Geometry and Mathematical Physics Geometry.

Universidad Complutense de Madrid.

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

PhD Positions in “A New Geometry for Einstein’s Theory of Relativity and Beyond”.

Faculty of Mathematics, University of Vienna, Austria

Closing date: 26 July 2026. However, applications will continue to be reviewed until the positions are filled.

Self-funded PhD opportunities in Mathematics.

Loughborough University, England, UK

Closing date: 31 July 2026.

PhD in Mirror symmetry for fibrations and degenerations of Calabi-Yau manifolds.

Loughborough University, England, UK

Closing date: 31 July 2026.

PhD in Quantum Supersolids: Solitons, Vortices, and Nonlinear Dynamics.

University of East Anglia, Norwich, England, UK

Closing date: 31 July 2026.

PhD Representation theory and Categorification.

University of East Anglia, Norwich, England, UK

Closing date: 31 July 2026.

PhD Positions in Mathematics.

Aarhus University, Denmark
Closing date: 1 August 2026.

PhD position in Geometric Deep Learning.
Heidelberg Institute for Theoretical Studies, Germany
Closing date: Applications will be reviewed on a

rolling basis.

PhD in Theoretical Quantum Physics.
University of Luxembourg, Luxembourg
Closing date: Open. Applications will be processed upon reception.

Postdoctoral fellowships

Beatriu de Pinós Program.
Catalonia, Spain
Closing date: 24 July 2026 at 11:00 AM CEST.

Postdoc Positions in “A New Geometry for Einstein’s Theory of Relativity and Beyond”.
Faculty of Mathematics, University of Vienna, Austria
Closing date: 26 July 2026. However, applications will continue to be reviewed until the positions are filled.

Closing date: Not specified. The position will begin on Autumn 2026.

Postdoctoral Positions.
School of Mathematical Sciences, Zhejiang University, China
Closing date: 16 December 2026.

Postdoctoral Researcher in Geometry.
University of Luxembourg, Luxembourg
Closing date: not specified. Planned Start Date: September 2026.

Postdoc positions in solid and fluid mechanics and computational geometry.
School of Mathematical Sciences, University of Science and Technology of China, Hefei, China
Closing date: 16 April 2027.

Postdoctoral Researcher in Geometry and Dynamics.
University of Luxembourg, Luxembourg
Closing date: not specified. Planned Start Date: September 2026.

Postdoctoral Researcher Recruitment.
POSTECH Department of Mathematics, Pohang-Si, South Korea
Closing date: Reviewed on a rolling basis.

Postdoct in Geometric Partial Differential Equations.
Okinawa Institute of Science and Technology, Japan
Closing date: 1 July 2026.

Postdoctoral Position 2026.
Institute of Geometry and Physics, University of Science and Technology of China, Hefei, China
Closing date: none.

Senior Researcher Positions.
IBS Center for Geometry and Physics, Pohang, Republic of Korea
Closing date: 30 August 2026.

Postdoctoral Position 2026.
Institute of Geometry and Physics, University of Science and Technology of China, Hefei, China
Closing date: none.

Postdoc on geometric partial differential equations and general relativity.
Pennsylvania State University, University Park, USA

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.

Offers for researchers

Tenure-track/Tenured Faculty Positions.

Pohang University of Science and Technology (POSTECH), South Korea

Closing date: 15 July 2026.

Professorship in Mathematical Optimization.

University of Marburg, Germany

Closing date: 19 July 2026.

Associate Professor Position in the Area of Geometry and Topology.

Faculty of Sciences, University of Lisbon, Portugal

Closing date: 28 July 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.

Associate and Full Professor positions.

School of Mathematical Sciences, University of Science and Technology of China, Hefei, China

Closing date: 16 April 2027.

Assistant, associate and full professor positions.

Yau Mathematical Sciences Center, Tsinghua University, Beijing, China

Closing date: 7 May 2027.

Assistant Professor 2026.

Research visit offers

Abel Visiting Scholar Program.

International Mathematical Union.

Postdoctoral mathematician to visit a research collaborator for a month.

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

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.

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

Closing date: none.

Full/Associate Professor 2026.

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

Closing date: none.

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.

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.

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.

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.

Financial support

Thematic Programs at MSRI.

Mathematical Sciences Research Institute, Berkeley, United States.

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

Hot topics Workshop at MSRI.

Mathematical Sciences Research Institute, Berkeley, United States.

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

Summer Graduate Schools at MSRI.

Mathematical Sciences Research Institute, Berkeley, United States.

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

Full or Half-year Scientific Programs.

Simons Laufer Mathematical Sciences Institute, Berkeley, United States.

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

Hot Topic Workshops.

Simons Laufer Mathematical Sciences Institute, Berkeley, United States.

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

Revisiting Fundamental Problems Workshop.

Simons Laufer Mathematical Sciences Institute, Berkeley, United States.

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.

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

Preprints

Network's members

Geoff E. Prince, Tom Mestdag and David Martín de Diego: *Variational Inverse Problems for Second Order ODEs with and without Constraints.*

2606.05550

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

Javier de Lucas: *Jet Bundles as Higher-Order Polarised k -Contact Manifolds.*

2606.09263

[math.DG, math-ph]

Leonardo Colombo, Maria Emma Eyrea Irazu, Laura P. Schaposnik and James Unwin: *Stabilizing Role of Uninformed Participants in Collective Decision Making.*

2606.11259

[nlin.AO, cond-mat.stat-mech, cs.SI, math.DS, q-bio.PE]

Leonardo Colombo and Manuel de León: *Contact Tulczyjew Geometry for Continuous and Discrete Dissipative Dynamics on Skew Algebroids.*

2606.10515

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

Ángela Capel, Marco Castrillón-López, Sofyan Iblişdir, Angelo Lucia, Pablo Páez-Velasco and David Pérez-García: *Rapid mixing for Gibbs measures in Riemannian manifolds.*

2606.13453

[math-ph, stat.ML]

Daniel Peralta-Salas and Radu Slobodeanu: *A symmetry theorem for localizable steady solutions of the 3D Euler equations.*

2606.13462

[math.AP, math-ph, physics.plasm-ph]

Margarida Camarinha and Jacob R. Goodman: *A Generalized Sasaki Metric on the Second-Order Tangent Bundle.*

2606.18905

[math.MG, eess.SY, math.OC]

Jacob R. Goodman and Hajg Jasa: *Riemannian Metric Preconditioning for Trajectory Tracking.*

2606.18913

[math.MG, eess.SY, math.OC]

Manuel de León, Xavier Gràcia, Rubén Izquierdo-López, Ángel Martínez-Muñoz and Xavier Rivas: *Poisson and Jacobi structures from 2-covariant tensors.*

2606.20030

[math.DG, math-ph]

Luis Crespo and Álvaro Pelayo: *p -adic integrable systems: from biquadratic equations to local models.*

2606.24363

[math.SG, math-ph]

Margarida Camarinha and Jacob R. Goodman: *Connection Towers and Sasaki Metrics on Higher-Order Tangent Bundles.*

2606.25917

[math.DG, math.MG]

Janusz Grabowski and Asier López-Gordón: *Homogeneity actions, N -manifolds, and the Frobenius theorem.*

2606.27135

[math.DG, math-ph]

Thierry Daudé, Alberto Enciso, Bernard Helffer, Niky Kamran and François Nicoleau: *A Local-to-Global Propagation Principle for Dirichlet-to-Neumann Maps.*

2606.29233

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

Network's collaborators

Daniel Precioso, Francisco Suárez, Javier Jiménez de la Jara, Rafael Ballester-Ripoll and David Gómez-Ullate: *BERS: Locally Optimal Continuous Algorithm for Maritime Weather Routing with Just-in-Time Arrival*.

2605.31533

[cs.ET, math.OC]

Vladimir Dragović, Borislav Gajić and Božidar Jovanović: *From bungee to C^1 and C^0 Hamiltonian systems and their integrability and nonintegrability*.

2606.00870

[math.DS, math-ph, nlin.SI]

Andreas Fring and Ian Marquette: *Hidden $\mathfrak{u}(2,1)$ symmetry and Jordan chains in a resonant ghostly three-dimensional model*.

2606.02290

[quant-ph, hep-th, math-ph]

Alexey V. Bolsinov, Andrey Yu. Konyaev and Vladimir S. Matveev: *Local description of gl-regular Haantjes operators*.

2606.04985

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

Vicente Muñoz and Juan Rojo: *On the construction of K -contact non-Sasakian Smale-Barden manifolds*.

2606.05824

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

Dinmukhammed Akpan and Alexey Bolsinov: *Beltrami problem in dimension two: local normal forms*.

2606.10751

[math.DG, math.DS]

Florio M. Ciaglia, Giuseppe Marmo, Marco Pacelli, Luca Schiavone and Alessandro Zampini: *Potential functions in information geometry via bi-forms*.

2606.17990

[math.DG]

Arjan van der Schaft: *Sub-optimal control by primal-dual gradient dynamics*.

2606.18818

[math.OC]

Hiroaki Yoshimura: *Dirac structures on tangent bundles: a geometric framework for variational principles, constrained dynamics, and symmetry reduction*.

2606.20012

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

Petre Birtea, Ioan Casu and Dan Comanescu: *Optimization with inequality constraints by the embedded gradient vector field method*.

2606.20059

[math.OC, math.DG]

Adrian M. Escobar Ruiz, Miguel E. Gómez Quintanar, Lidia Jiménez-Lara and Jaume Llibre: *Singular barriers and quartic integrability breaking in the TTW system*.

2606.22322

[math-ph]

Long Jin, An Zhang and Hong Zhang: *Anisotropic 2D FUP and quantum open baker's map*.

2606.23160

[math.CA, math.AP, math.DS, math.SP]

Pavol Ševera: *Forms, half-densities, and the quantum odd symplectic category in the BV formalism*.

2606.23902 (version 2)

[math-ph, hep-th, math.QA, math.SG]

Alberto S. Cattaneo and Shuhan Jiang: *From L_∞ algebroids to L_∞ spaces: Part I*.

2606.24837

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

Emmanuel Davakan, Djideme Franck Houenou and Aissa Wade: *A Jacobi Coupling Construction on Associated Bundles*.

2606.30614

[math.DG]

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)

Research Group on Mathematical Physics - Universidad de Valladolid (Valladolid, Spain)

Links of interest

Newsletters

International Mathematical Union (IMU) Newsletter - May 2026

Instituto de Ciencias Matemáticas (ICMAT) Newsletter - May 2026

European Mathematical Society (EMS)

Newsletter - June 2026

International Association of Mathematical Physics Bulletin - April 2026

IEEE Open Journal of Control Systems Newsletter - 2026

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

IEEE Open Journal of Control Systems

Open Access Mathematics Journals

Open Access American Institute of Mathematical Sciences (AIMS) Journal

Issue on topological and variational methods in nonlinear problems American Institute of Mathematical Sciences (AIMS)

Open Access Physics Journals

Societat Catalana de Matemàtiques (SCM) journal on Mathematics

Prizes and awards

IACM Computational Mechanics Award

IACM O.C. Zienkiewicz Award

IACM Congress Medal (Gauss-Newton Medal)

IACM John Argyris Award for Young Scientists

IACM Fellows Award

SIAM Activity Groups award various prizes

International Mathematical Union Awards and Prizes

Other Prizes of International Mathematical Union

American Mathematical Society Prizes and Awards

Association for Women in Mathematics Awards

IEEE Control Systems Society Awards

Royal Society of London Premier Medals and Awards

London Mathematical Society Prizes

The Shaw Prize

The Henri Poincaré Prize

The British Royal Society Grants

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