Seminar name: Geometry and Mathematical Physics (GMP) Seminars

Year: 2019

Date	Time/place	Speaker	Title
30th January 2019	15:00-16:00/SCH.1.01 Schofield Building	Dr Maksym Fedorchuk (Boston) and Dr Igor Krylov (Seoul)	Parameter spaces of del Pezzo surfaces and Mori fibre spaces
6th February 2019	15:00-16:00/SCH.1.01 Schofield Building	Alan Thompson (Loughborough University)	Pseudolattices, del Pezzo surfaces and fibrations over discs
12th February 2019	15:00-16:00/SCH.0.13 Schofield Building	Stefan Rosemann (Hanover)	Projective groups, projective vector fields and projectively equivalent metrics
13th February 2019	16:00-17:00/SCH.1.01 Schofield Building	Anton Galaev (Czech Republic)	Holonomy groups in geometry: can we solve the classification problem?
13th February 2019	15:00-16:00/SCH.1.01 Schofield Building	Liana Heuberger (Loughborough)	Del Pezzo surfaces with 1/3(1,1) points
27th February 2019	15:00-16:00/SCH.1.01 Schofield Building	Eleonore Faber (Leeds)	The magic square and a McKay correspondence for reflection groups
27th February 2019	16:15-17:15/SCH.1.01 Schofield Building	Marcello Bernardara (Toulouse)	Derived categories, motivic measures and rationality problems
6th March 2019	15:00-16:30/SCH.1.01 Schofield Building	Mirko Mauri (Imperial College)	The essential skeletons of pairs and the geometric P=W conjecture
6th March 2019	16:30-17:30/SCH.1.01 Schofield Building	Giovanni Mongardi (Bologna)	Involutions on Hilbert schemes on K3 surfaces
12 MAR 19	15:00-17:00/SCH.0.13 Schofield Building	Gerard van der Geer (Amsterdam)	Moduli spaces and modular forms
20th March 2019	15:00-16:00/SCH.1.01 Schofield Building	Boris Doubrov (Belarusian State University)	Deformations of rational varieties via differential equations
25th April 2019	15:00-16:00/SCH.0.13 Schofield Building	Alberto de Sole (Rome)	
1st May 2019	15:00-16:00/SCH.1.01 Schofield Building	Claudio Onorati (Bologna)	The monodromy group of OG10 manifolds
7th May 2019	16:00-17:00/SCH.0.13 Schofield Building	Matthew Randall (Shanghai Tech University)	On the Einstein-Weyl equation in conformal geometry
7th May 2019	15:00-16:00/SCH.0.13 Schofield Building	Maciej Dunajski (Cambridge)	Solitons on a Wormhole

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13th May 2019	15:00-16:00/SCH.0.13 Schofield Building	Dmitry Alekseevskii (Moscow)	Geometry of vision and conformal model of hypercolumns
15th May 2019	15:00-16:00/SCH.1.05 Schofield Building	Matteo Casati (Kent)	Darboux-Getzler theorem for Hamiltonian difference operators
22nd May 2019	15:00-16:00/SCH.1.01 Schofield Building	Nikolaos Tziolas (Cyprus & Max Plank Institute of Mathematics, Bonn)	Vector fields and moduli of canonically polarised surfaces in positive characteristic
12th June 2019	16:00-17:00/SCH.1.01 Schofield Building	Gudrun Szewieczek (TU Wien)	Conformally flat hypersurfaces and Guichard nets
18th June 2019	15:00-16:00/SCH.0.13 Schofield Building	Alexander Odesskii (Brock University, Canada)	Quadratic Poisson brackets and quadratic algebras
19th June 2019	15:00-16:00/SCH.1.01 Schofield Building	Aleksei Ilin (HSE, Moscow)	Commutative Bethe subalgebras in Yangians
30th July 2019	11.00-12.00/SCH.1.05 Schofield Building	Ziquan Zhuang (Princeton)	Alpha invariants, birational rigidity and K-stability
30th July 2019	15.00-16.00/SCH.1.05 Schofield Building	Ziquan Zhuang (Princeton)	Sharpness of Tian's criterion for K-stability

Date	Time/place	Speaker	Title
11th September 2019	15:00/Schofield Building (SCH.1.01)	Don Zagier (Bonn)	From knot invariants to number theory
2nd October 2019	15:00/Schofield Building (SCH.1.01)	Alexey Bolsinov (Loughborough)	Nijenhuis geometry: first steps and open problems
9th October 2019	16:00/Schofield Building (SCH.1.01)	Liana Heuberger (Loughborough)	New constructions of Q-Fano threefolds using Laurent inversion
14th October 2019	15:00/Schofield Building (SCH.0.13)	Victor Przyjalkowski (Steklov Institute)	On the mirror P = W conjecture
16th October 2019	16:00/Schofield Building (SCH.1.01)	Victor Przyjalkowski (Steklov Institute)	Semistable degenerations of Fano varieties
22nd October 2019	15:00/Schofield Building (SCH.0.13)	Lihua Wu (Huaqiao University, Fujian)	Finite-genus solutions to soliton hierarchies
22nd October 2019	15:00/Schofield Building (SCH.1.01)	Dimitra Kosta (Glasgow)	Unboundedness of Markov Complexity of Monomial Curves in An for n ≥ 4

29th October 2019	15:00/Schofield Building (SCH.0.13)	Xiaochuan Liu (Xi'an Jiaotong University)	Liouville Correspondences between Integrable Hierarchies
30th October 2019	15:00/Schofield Building (SCH.1.01)	Sasha Veselov (Loughborough University)	Thurston's geometrisation and integrability
6th November 2019	15:00/Schofield Building (SCH.1.01)	Fabien Cléry (Loughborough University)	Integrable Lagrangians and Picard modular forms
13th November 2019	15:00/Schofield Building (SCH.1.01)	Timothy Logvinenko (Cardiff)	Pn-functors and beyond
19th November 2019	15:00/Schofield Building (SCH.0.13)	Charles Young (Hertfordshire)	Gaudin models and opers
27th November 2019	16:00/Schofield Building (SCH.1.01)	Andy Hone (Kent)	Continued fractions and Hankel determinants from hyperelliptic curves
4th December 2019	16:00/Schofield Building (SCH.0.13)	Stanislav Opanasenko (Memorial University of Newfoundland)	Symmetry Analysis of an Isothermal No-Slip Drift Flux Model
11th December 2019	15:00/Schofield Building (SCH.1.01)	Livia Campo (Warwick)	Index 2 Fano 3-folds and their birational geometry