Wednesday 24th June 2026

10:00	**Registration** Room: Watson Foyer		
10:45	**Welcome and introductions** Room: Watson LTA		
	Plenary talks		
	Room: Watson LTA	Room: Watson LTC	
11:00	**Jialin Wang (City St George's, University of London)** **Algebra** Blocks, Hochschild cohomology and Lie algebras	**Pedro Cardoso (University of Exeter)** **Statistics** Choosing between interpretable and flexible models in precision medicine	
12:00	**Lunch** Room: Basement		
	Contributed talks		
	Room: Watson LTA	Room: Watson LTC	Room: Watson LTB
13:00	**Henry Langer (University of Birmingham)** Mirror Symmetry and Modular Forms	**Billy Hollis (University of Leeds)** Non-Classical Methods for the Numerical Solution of Fractional Differential Equations	**Matthew Phillips (University of Birmingham)** Continuum limits of graph-based joint reconstruction-segmentation
13:30	**Linxuan Li (Queen Mary, University of London)** First steps toward Tropical Minimal Model Program	**James Patterson (University of Birmingham)** Well-posedness of the MMT model	**Patrick Cahill (Imperial College London)** Statistical and Lyapunov approximation abilities of Neural ODEs
14:00	**Thais Gomes Riberio (University of Birmingham)** A special family of K3 surfaces with hypergeometric properties	**Joe McCusker (University of Birmingham)** A heterogeneous nonlocal advection–diffusion system	**Feargus Ball (University of Birmingham)** Modelling the Spread of Carbapenem-resistant Acinetobacter baumannii in an Intensive Care Unit
14:30	**Break**		
	Rapid Fire		
	Room: Watson LTA		
15:00	**Adarsh Bura (University of Birmingham)** - The shadowing property for β-transformations **Patrick Cahill (Imperial College London)** - Statistical and Lyapunov approximation abilities of Neural ODEs **Jonathan Hodgson (University of Birmingham)** - Fractal analysis of soot agglomerates **Liming Li (University of Warwick)** - Multiscale Modeling of Moving Boundary Dynamics and Phase Transitions in Deep Eutectic Systems **Mengna Li (University of Birmingham)** - Numerical Simulation of Single Particle Dissipative Particle Dynamics (sDPD) **Kegan Meng (University College London)** - Early Excess Methylation at Disease-Associated CpGs in Endometrial Cancer Inferred from Bulk Tissue **Ibraheem Sajid (University of Leeds)** - Zeros of Potts Models **Ariba Shakeel (University of Birmingham)** Mathematical Modeling To Understand the Treatment of Adrenal Insufficiency		
	Poster Session		
	Room: Physics Bridge		
16:00	**Poster Session and Refreshments can be found on the Physics Bridge** Join over 20 posters and presenters to discuss their work		
17:30	**End of day: Closing Remarks**		

Thursday 25th June 2026

	Plenary talks		
	Room: Watson LTA	Room:	Room: Watson LTC
09:00	**Laura Johnson (University of Bristol)** **Combinatorics** Determining the spectrum of additive triples in the group of integers modulo a prime		**Jesse Taylor-West (University of Bristol)** **Fluids** Volcanic fissure localisation and lava delta formation: Modelling of volcanic flows undergoing rheological evolution
10:00	**Comfort Break**		
	Contributed talks		
	Room: Watson LTA	Room: Watson LTC	Room: Watson LTB
10:30	**Krishna Kumar (University of Birmingham)** Can Mathematics Help Save Olive Trees?	**Mingjie Shen (University of Birmingham)** Topological Patterns within Limit Order Book data	**Pete Gautam (University of Manchester)** Groups of maximal class

11:00	**Kylie Savoye (University of Birmingham)** TBA	**Jack Hopkins (University of Birmingham)** Risk Neutral Distributions: Estimation in Higher Dimensions	**Iris Gilabert (Universitat Politècnica de València)** Normal subgroups and degrees of minimal invariant characters
11:30	**Thomas Munn (University of Birmingham)** From genome sequencing to metabolic modelling and dynamic flux balance analysis extensions	**Jacob Asmat (University of Birmingham)** Oscillations in Social Opinion: An Agent-Based Approach	**John Stokes-Waters (University of Manchester)** Valuations on Lattice-Ordered Groups
12:00	**Lunch**		
	Plenary talk		
	Room: Watson LTA		
13:00	**Bethany Woollacott (University of Nottingham)** **Maths Education** Impact in Mathematics Education: From Research Questions to the Real World		
	Contributed talks		
	Room: Watson LTA	Room: Watson LTC	
14:00	**Harry Bennett (University of Birmingham)** Robustness Analysis via Horofunction Compactification	**Jonathan Hodgson (University of Birmingham)** Fractal analysis of soot agglomerates	
14:30	**Ash Bhat (University of Birmingham)** Constructing non-rectifiable Delone sets	**Liming Li (University of Warwick)** Multiscale Modeling of Moving Boundary Dynamics and Phase Transitions in Deep Eutectic Systems	
15:00	**Comfort Break**		
	Contributed talks		
	Room: Watson LTA	Room: Watson LTC	Room: Watson LTB
15:30	**Maïté Guerin (Imperial College London)** Nonlinear Interfacial Stability of Core-Annular Film Flows in Vertical Pipes, including the Effects of Gravity	**Josiah Aitchison (Open University)** Complexity of Constant Length Substitutions	**Yasmin Giles (Lancaster University)** The fourth moment problem in quantum probability
16:00	**Eva Mokhtari (University of East Anglia)** Modelling static capillary phenomena using phase field models: The interaction of wetting potentials with the LBFGS minimiser under pressure and volume constraints.	**Richard Howat (University of Birmingham)** Structural properties of dynamical survivor sets	**Ethan Baker (University of Birmingham)** Polynomial Ergodicity of the Generalized Relativistic Langevin Equation
	Panel Q&A		
	Room: Watson LTA		
16:30	**Plenary Speakers:** Pedro Cardoso, Antonín Češík, Laura Johnson, Blaine Van Rensburg, Jialin Wang, Jesse Taylor-West, Beth Woollacott, Jason Yip		
17:30	**End of day: Closing Remarks**		

Friday 26th June 2026

	Plenary talks	
	Room: Old Gym LG10	Room: Old Gym LG12
09:30	**Antonín Češík (University of Warwick)** **Analysis** A point is too small: The strength of weak formulations	**Blaine van Rensburg (University of Aberdeen)** **Mathematical Biology** Adaptation In Dynamic Environments
10:30	**Comfort Break**	
	Contributed talks	
	Room: Old Gym LG10	Room: Old Gym LG12
11:00	**Kate Hindle (University of St. Andrews)** Discovered in the archives: D'Arcy Thompson's recreational mathematics	**Ramin Nashebi (University of Birmingham)** Mitochondrial Transport Constraints Drive Metabolic Plasticity in SDH-Deficient Cells
11:30	**Niamh Brereton (University of Birmingham)** Engagement across the years: student insights into the teaching and learning experience of mathematics at university	**Linus Chang (University of Birmingham)** Ionising Radiation and Mutant Clone Dynamics in the Colonic Epithelium"

12:00	**Lunch**		
	Contributed talks		
	Room: Old Gym LG10	Room: Old Gym LG12	Room: Old Gym LG6
13:00	**Adam Keyes (University of Birmingham)** Supersymmetric Partition Functions on Curved Spaces	**Amy Tierney (University of Birmingham)** Wigner Representations and Weighted L^2 Inequalities for the Fourier Extension Operator to Curves	**Debmalya Bandyopadhyay (University of Birmingham)** Towards Posa's Conjecture for 3-graphs
13:30	**Amir Khodaeian Karim (Imperial College London)** Adiabatic Invariant Actions for Partially Integrable Systems	**Karim Elmallakh (Loughborough University)** Lq Bounds for Orthonormal Functions on Manifolds with Concave Boundary	**Joel Summerfield (University of Birmingham)** The Classification of Type A Decomposition Classes
14:00		**Arnaud Dumont (University of Birmingham)** Tangential convergence for elliptic boundary value problems in rough domains	**Shuo Feng (University of Essex)** Reductive pair problem of sl3
	Plenary Talk		
	Room: Aston Webb Dome		
14:45	**Jason Yip** **History of Mathematics** From the Mathematical Past to Human Understanding: Why History Matters		
15:45	**End of conference**		