

Trends in Differential and Complex Geometry
31 August-4 September 2026
L3

Schedule

Monday 31 August

9:00-10:00 Oscar García-Prada, *Three papers of Nigel Hitchin on Higgs bundles*
10:00-10:30 Coffee
10:30-11:30 José Seade, *Discrete groups of projective automorphisms*
11:30-12:30 Ana Peón Nieto, *A journey through wobbliness*
12:30-14:30 Lunch
14:30-15:30 Jörg Teschner, *Analytic versions of the (quantum) geometric Langlands correspondence*
15:30-16:00 Coffee
16:00-17:00 Victoria Hoskins, *Nilpotent quiver varieties for quivers with multiplicities*
17:00-19:00 Wine reception, Mathematical Institute

Tuesday 1 September

9:00-10:00 Camilla Felisetti, *A Parabolic approach to Intersection Theory on singular moduli spaces of vector bundles*
10:00-10:30 Coffee
10:30-11:30 Ngô Bao Châu, *Kostant bundle and root cover*
11:30-12:30 Marta Mazzocco, *Categorical approach to Decorated Betti moduli spaces*
12:30-14:30 Lunch
14:30-15:30 Richard Thomas, *The MNOP conjecture and commuting vector fields*
15:30-16:00 Coffee
16:00-17:00 Marco Gualtieri

Wednesday 2 September

9:00-10:00 Anna Wienhard, *Higher Teichmüller spaces, positivity, and non-commutative cluster coordinates*
10:00-10:30 Coffee
10:30-11:30 Ailsa Keating, *Homological mirror symmetry for K3 surfaces*
11:30-12:30 Tom Bridgeland, *Bundles on elliptic curves, del Pezzo surfaces and q-difference equations*
Free afternoon
18:45-22:00 Dinner at New College

Thursday 3 September

9:00-10:00 Simon Salamon, *Tournaments, flags, and spinors*
10:00-10:30 Coffee
10:30-11:30 Laura Fredrickson, *ALG(*) Gravitational Instantons vs. 4d Hitchin Moduli Spaces*
11:30-12:30 Michael Groechenig, *Chi-independence via arithmetic properties of the Hitchin fibration*
12:30-14:30 Lunch
14:30-15:30 Simon Donaldson, *Multivalued harmonic functions and twistor geometry*
15:30-16:00 Coffee
16:00-17:00 Marina Logares, *Geometry and topology of parabolic Higgs bundles*

Friday 4 September

9:00-10:00 Frances Kirwan, *Degenerate Morse theory and higher quivers*
10:00-10:30 Coffee
10:30-11:30 Ana Ferreira, *Completeness of left-invariant geodesic flows*
11:30-12:30 Jacques Hurtubise, *Quasi-monopoles*