



Bundles and Conformal Blocks with a Twist

Monday 13 June 2022	
09.00–10.10	Registration with coffee and opening remarks
10.10–11.00	Jochen Heinloth Minicourse: Introduction to parahoric torsors
11.00–11.30	<i>Coffee/Tea</i>
11.30–12.20	Jochen Heinloth Minicourse: Introduction to parahoric torsors
12.20–14.00	<i>Lunch</i>
14.00–14.50	Prakash Belkale Rigid local systems and the multiplicative eigenvalue problem
15.00–15.50	Michael Rapoport (online) Purity for G -bundles
15.50–16.10	<i>Coffee/Tea</i>
16.10–17.00	Thomas Baier On Hitchin's connection
17.00–18.00	Welcome Reception at ICMS provided by Blue Sky Catering
Tuesday 14 June 2022	
09.30–10.20	Jochen Heinloth Minicourse: Introduction to parahoric torsors
10.20–10.50	<i>Coffee/Tea</i>
10.50–11.40	Jochen Heinloth Minicourse: Introduction to parahoric torsors
11.50–12.40	Richard Wentworth The Hitchin connection for parabolic G -bundles
12.40–14.00	<i>Lunch</i>
14.00–14.50	Vikraman Balaji (online) Degeneration of G -torsors and Bruhat-Tits group schemes
14.50–15.20	<i>Coffee/Tea</i>
15.20–16.10	Constantin Teleman Higher Verlinde formula and Mirror symmetry
16.30–17.30	Whisky Tasting at ICMS – Provided by Whiski Rooms

Wednesday 15 June 2022	
09.30–10.20	Emily Cliff (online) Moduli spaces of principal 2–group bundles and a categorification of the Freed–Quinn line bundle
10.20–10.50	<i>Coffee/Tea</i>
10.50–11.40	Olga Trapeznikova (online) The Verlinde formula and K–theory of the moduli space of parabolic vector bundles
11.50–12.40	Jørgen Ellegaard Andersen Generalized Hitchin Connections with applications to quantization of Moduli Space of parabolic vector bundles
12.40–14.00	<i>Lunch</i>
14.00–14.50	Philip Boalch Diagrams, fission spaces and global Lie theory
14.50–15.20	<i>Coffee/Tea</i>
15.20–16.10	Ana Peon–Nieto Geometry of wobbly bundles
Thursday 16 June 2022	
09.30–10.20	Marina Logares Assorted Hitchin integrable systems
10.20–10.50	<i>Coffee/Tea</i>
10.50–11.40	Tanmay Deshpande (online) Crossed modular categories and the Verlinde formula for twisted conformal blocks
11.50–12.40	Angela Gibney (online) Vector bundles of VOA conformal blocks on the moduli space of stable pointed curves of genus g
12.40–14.00	<i>Lunch</i>
14.00–14.50	Jiuzu Hong Twisted conformal blocks and their dimension
14.50–15.20	<i>Coffee/Tea</i>
15.20–16.10	Katrin Wendland (online) $SU(2)$ channels the cancellation of K3 BPS states
18.00–20.00	Conference Dinner at Blonde, 71–75 St. Leonard's St, Edinburgh EH8 9QR
Friday 17 June 2022	
09.30–10.20	Arzu Boysal (online) Volumes of moduli spaces of flat bundles over surfaces and the Verlinde formula
10.20–10.50	<i>Coffee/Tea</i>
10.50–11.40	Maciej Szczesny Conformal blocks for complex surfaces and beyond
11.50–12.40	Christian Pauly The Prym–Hitchin connection
12.40–14.00	Lunch and end of the workshop

