

BPS states, topological recursion, exact WKB and abelianisation

University of Hamburg

Bahrenfeld Campus, Auditorium (Bldg. 61)

November 25–28, 2019



Time	Monday	Tuesday	Wednesday	Thursday
09:00-10:00	Registration			
09:30-10:00		Marcos Marino <i>Spectral problems from quantum curves</i>		
10:00-10:30	Tom Bridgeland <i>Donaldson-Thomas invariants and the deformed cubic oscillator</i>		Johannes Walcher <i>Exponential networks. First steps.</i>	Jørgen Andersen <i>Geometric Recursion</i>
10:30-11:00		Dylan Allegretti <i>Exact WKB analysis and Riemann-Hilbert problems</i>		
11:00-11:30	Coffee break		Coffee break	Coffee break
11:30-12:00	Bertrand Eynard <i>Topological recursion, integrable systems and CFT</i>	Coffee break	Pietro Longhi <i>BPS counting with exponential networks</i>	Florian Beck <i>Mirror symmetry of Calabi-Yau manifolds, parabolic Higgs bundles and opers</i>
12:00-12:30		Gaëtan Borot <i>Constructing W-algebras modules from topological recursion</i>		
12:30-14:30	Lunch break		Lunch break	Lunch break
14:30-15:30	Anna Barbieri <i>A (quantum) Riemann-Hilbert problem in Donaldson-Thomas theory</i>	Free afternoon	Ioana Coman <i>Topological strings from quantum curves and integrability</i>	Gregory Moore <i>Branes And Interfaces For 2D Landau-Ginzburg Models With Twisted Masses</i>
15:30-16:00	Coffee break		Coffee break	Coffee break
16:00-17:00	Andy Neitzke <i>Spectral networks, exact WKB for the T_3 equation, and q-abelianization</i>		Albrecht Klemm <i>Topological String on elliptic CY 3-folds with N-sections and Jacobi forms</i>	Motohico Mulase <i>Holomorphic Lagrangian geometry of Hitchin and de Rham moduli spaces</i>