

# Moduli spaces and graph complexes in algebra, geometry and physics

Sunday May 31: Dinner from 19:15-20:00 (flexible)

Time	Monday, June 1	Tuesday, June 2	Wednesday, June 3	Thursday, June 4	Friday, June 5
08:00-09:00	<b>Breakfast</b>	<b>Breakfast</b>	<b>Breakfast</b>	<b>Breakfast</b>	<b>Breakfast</b>
09:00-09:50	<b>Anton Alekseev</b> On the relation between Grothendieck-Teichmüller, double shuffle, and Kashiwara-Vergne Lie algebras	<b>Alexander Berglund</b> Lie graph homology and Poincaré duality algebras	<b>Benjamin Brück</b> An analogue of Rognes' connectivity conjecture for free groups	<b>Jean-Luc Portner</b> Equality of two cocycles on the Kontsevich graph complex	<b>Geoffrey Powell</b> Brauer categories, Koszul complexes, and hairy graph complexes
10:00-10:50	<b>Florian Naef</b> Homotopy Frobenius algebra models for configuration spaces	<b>Ricardo Campos</b> Integrating Lie-Graph Algebras and Properadic Structures	<b>Jan Steinebrunner</b> The genus filtration on the modular operad of surfaces	<b>Benjamin Ward</b> Configuration spaces via cyclic modules	<b>Alex Takeda</b> Universal twisting of operads and string topology operations
11:00-11:30	Coffee break	Coffee break	Coffee break	Coffee break	Coffee break
11:30-12:20	<b>Konstantin Wernli</b> (Towards) higher loop Chern-Simons invariants of lens spaces via cutting and gluing	<b>Najib Idrissi</b> Homology of configuration spaces in positive characteristic via point-set constructions	<b>Rohini Ramadas</b> Outer Space, Handlebodies, and Tropical Moduli Spaces	<b>Siddarth Kannan</b> Graph complexes, the universal Jacobian, and moduli of maps to projective space	<b>Nathalie Wahl</b> What's wrong with homotopy equivalences?
12:45	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>	<b>Lunch</b>
16:30-17:00	Coffee	Coffee	<b>Free afternoon</b>	Coffee	<b>Free afternoon</b>
17:00-17:50	<b>Simone Hu</b> Cocycles for graph complexes via invariant differential forms	<b>Lightning Talks 1</b>		<b>Brent Pym</b> Logarithmic morphisms, tangential basepoints and little disks	
18:00-18:50	<b>Paul Balduf</b> Graph differential forms from quantum field theory	<b>Lightning Talks 2</b>		<b>Adela Zhang</b> Canonical extensions of open TFTs	
19:15	<b>Dinner</b>	<b>Dinner</b>	<b>Dinner</b>	<b>Dinner</b>	