

Tropical Geometry and Moduli Spaces

Cabo Frio, Rio de Janeiro, August 13 – 17

Program

Hour	Monday, 13	Tuesday, 14	Wednesday, 15	Thursday, 16	Friday, 17
07:00 - 09:00	Breakfast				
08:00 - 09:00	Registration Sunday afternoon & Monday morning				
09:00 - 10:00	Minicourse I Dan Abramovich (Brown, Providence) <i>Logarithmic Geometry and Moduli</i>	Minicourse I Dan Abramovich (Brown, Providence) <i>Logarithmic Geometry and Moduli</i>	Diane Maclagan (University of Warwick) <i>An update on tropical schemes</i>	Minicourse I Dan Abramovich (Brown, Providence) <i>Logarithmic Geometry and Moduli</i>	Felipe Rincón (University of Oslo) <i>Chern-Schwartz-MacPherson cycles of matroids</i>
10:00 - 10:30	Coffee Break				
10:30 - 11:30	Hannah Markwig (Universität Tübingen) <i>What is a tropical plane curve?</i>	Martin Ulirsch (Goethe University Frankfurt) <i>From algebraic to tropical divisors (and back again)</i>	Jeffrey Giansiracusa (Swansea University) <i>Tropical ideals</i>	Kalina Mincheva (YALE, New Haven) <i>The Picard group of a tropical toric scheme</i>	Kristin Shaw (University of Oslo) <i>Bounding Betti numbers of patchworked real hypersurfaces by Hodge numbers</i>
11:30 - 12:30	Dave Jensen (University of Kentucky) <i>The Kodaira dimensions of moduli spaces of curves</i>	Andreas Gross (Colorado State University) <i>Tropical Jacobians, Theta Divisors, and the Poincaré Formula</i>	Daniel Corey (Yale University) <i>Initial degenerations of Grassmannians</i>	Yoav Len (University of Waterloo) <i>Tropical dual varieties</i>	Ethan Cotterill (UFF, Niteroi) <i>Real inflection points of real linear series on real (hyper)elliptic curves</i>
12:30 - 15:30	Lunch				
15:30 - 16:30	Minicourse II Renzo Cavalieri (Colorado State, Fort Collins) <i>Fock Spaces and Tropical Curve Counting</i>	Minicourse II Renzo Cavalieri (Colorado State, Fort Collins) <i>Fock Spaces and Tropical Curve Counting</i>	<i>Free afternoon</i>	Minicourse II Renzo Cavalieri (Colorado State, Fort Collins) <i>Fock Spaces and Tropical Curve Counting</i>	Lothar Goettsche (International Centre for Theoretical Physics) <i>Refined tropical curve counting</i>
16:30 - 17:00	Coffee Break			Coffee Break	
17:00 - 18:00	<u>17:00 - 18:30 Short Talks</u> Karl Christ (Università Roma Tre) Inder Kaur (IMPA) Mirko Mauri (Imp. College London) Enrica Mazzon (Imp. College London) Emilio Peixoto (IMPA) Mohammad Reza Rahmati (UNAM)	Marco Pacini (UFF, Niteroi) <i>The skeleton of the Esteves' universal Jacobian and the universal Abel map</i>		Alex Massarenti (UFF, Niteroi) <i>On Mori chamber and stable base locus decompositions</i>	
18:30 - 21:00	Dinner			Social Program	
21:00 - 22:00	20:00 - 22:00 Social Program				