

Conference on “String Geometries and Dualities” (Australia-Brazil meeting)

IMPA, Rio de Janeiro, December 12 - 16, 2016

Ricardo Mañé Auditorium

Hour	Monday, 12	Tuesday, 13	Wednesday, 14	Thursday, 15	Friday, 16
09:00	Registration				
09:30					
10:00	Eckhard Meinrenken On the quantization of Hamiltonian loop group spaces	Nathan Berkovits Twistors and the superstring	Ctirad Klimcik Poisson-Lie T-duality and integrable sigma-models	Pinhas Grossmann Modular tensor categories and subfactors	Jouko Mickelsson Extensions of lattice groups, gerbes and chiral fermions on a torus
10:30			Viviana del Barco T-duality on nilmanifolds		Alessia Mandini Hyperpolygons and parabolic Higgs bundles
11:00	Break			Break	
11:30	Tom Baird The moduli space of Higgs bundles over a real curve and the real Abel-Jacobi map	Roberto Rubio The moduli space of generalized metrics on an exact Courant algebroid	Break	David Ridout Schur-Weyl duality for Heisenberg cosets	Break
12:00			Mario Garcia-Fernandez T-duality and the many Levi-Civita connections in generalized geometry		Andrew Clarke Instantons on the Bryant-Salamon Manifolds
12:30	Lunch	Lunch	Lunch	Lunch	Lunch
13:00					
14:00	Marcos Jardim Branes on moduli spaces of sheaves	Gil Cavalcanti Stable generalized complex structures	Free Afternoon Excursion	Jethro van Ekeren Construction and uniqueness of orbifolds	
15:00	Gonçalo Oliveira Gerbes on G_2 -manifolds	Marco Aldi Generalized CRF-structures and pure spinors		Matthew Szczesny Vertex algebras associated to toroidal algebras and factorization algebras	
16:00	Break				
16:30	Lázaro Rodríguez-Díaz G_2 geometry and gauge theory over links of hypersurface singularities	Alejandro Cabrera On the Mathai-Quillen formalism in topological field theories and the geometry of the target space			
18:00 - 20:00	Welcome Reception		Conference Dinner		