

Emergent Symmetries in Particle Physics, Cosmology and Condensed Matter Systems

Wednesday, 20 June 2018

Morning session - Auditorium D (10:00 - 12:45)

time	[id] title	presenter
10:00	[2] Igor Herbut: "Fixed point collisions and tensor order parameters in Luttinger semimetals and some popular field theories"	
10:45	Coffee	
11:15	[3] Carlos Hoyos: "Impurities and holography"	
12:00	[4] Jelle Hartong: "Fluid Dynamics for Systems without Boost Invariance"	

Thursday, 21 June 2018

Morning session - Auditorium D (10:00 - 12:30)

time	[id] title	presenter
10:00	[7] Roderich Moessner: "An Ising model with emergent U(1) gauge field and SU(2) symmetry"	
10:45	Coffee	
11:15	[15] Ajit Balam: "Particle-hole symmetry for composite fermions: An emergent symmetry in the fractional quantum Hall effect"	
11:45	[9] Sung-Sik Lee: "Emergent gravity from relatively local Hamiltonians"	

Friday, 22 June 2018

Morning session - Auditorium D (10:00 - 12:15)

time	[id] title	presenter
10:00	[13] Raúl Carballo-Rubio: "Emergence of gauge symmetries: a working example"	
10:45	Coffee	
11:15	[14] Kevin Grosvenor: "Nonrelativistic Naturalness and the question of Emergent Lorentz Symmetry"	
11:45	[8] Michele Burrello: "Topological Semimetals in Artificial Gauge Potentials"	