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Advanced School and Workshop: StatPhys in Kigali | (smr 4085)

Monday 07 July 2025

notitle - (09:00-19:00)

Chair and Co-Chair of StatPhys29: Stefano Ruffo and Roberto Livi

time	title	presenter
09:00	Opening session	CATHERINE A. MERIAUX (ICTP - EAI FR, RWANDA), FULVIO BALDOVIN (UNIVERSITY OF PADOVA, ITALY), ARAN GARCIA-LEKUE (DONOSTIA INTERNATIONAL PHYSICS CENTER (DIPC), SPAIN), ENZO ORLANDINI (UNIVERSITY OF PADOVA, ITALY), EDGAR ROLDAN (ICTP, ITALY), FLAVIO SENO (UNIVERSITY OF PADOVA, ITALY), HUGO TOUCHETTE (STELLENBOSCH UNIVERSITY, SOUTH AFRICA)
09:30	TBA	GIORGIO PARISI
09:55	Discussion	
10:05	Breaking Barriers in Drug Discovery: The Fusion of Atomistic Simulation and Machine Learning in Computational Biophysics	DANIEL MADULU SHADRACK
10:30	Discussion	
10:40	Coffee break	
11:10	TBA	ENZO ORLANDINI
11:35	Discussion	
11:45	Building a smart material inspired by living tissue	ANA-SUNCANA SMITH
12:10	Discussion	
12:20	Lunch	
14:00	TBA	HULDA SWAI
14:25	Discussion	
14:35	The Nature of criticality in Dynamical Quantum Phase Transitions	SOMENDRA BHATTACHARJEE
15:00	Discussion	
15:10	Adsorption properties of polymeric brushes in and out of equilibrium	EMANUELE LOCATELLI
15:35	Discussion	
15:45	Coffee break	

16:15	Using a thin grey soliton to learn and impact the nonlinear dynamics of quantum systems	ETIENNE WAMBA
16:40	Discussion	
16:50	Poster session	