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

Saturday 05 July 2025

notitle - (08:45-20:30)

time	title	presenter
08:45	Opening session	CATHERINE A. MERIAUX (ICTP - EAIFR, 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)
09:00	The role of statistical physics in drug discovery and development in the AI era	DANIEL MADULU SHADRACK
10:30	Coffee break	
11:00	Large Deviation : rudiments I	RAPHAEL CHETRITE
12:30	Lunch	
14:30	Monte Carlo methods in physics and machine learning I	HUGO TOUCHETTE
16:00	Coffee break	
16:30	Martingales for physicists : rudiments I	EDGAR ROLDAN
18:30	Welcome reception	