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Statistical Physics of Complex Systems | (smr 3624)

Wednesday 08 September 2021

notitle - Online (09:30-16:00)

time	title	presenter
09:30	Large Fluctuations in anomalous transport and the Big Jump Principle	RAFFAELLA BURIONI
10:00	Thermodynamics of structure-forming systems*	JAN KORBEL
10:20	Irreversibility, heat and information flows induced by non-reciprocal interactions*	SARAH LOOS
10:40	Break	
11:00	Active Brownian Motion with Directional Reversals	URNA BASU
11:30	Machine Learning for Active Matter: Opportunities and Challenges	GIOVANNI VOLPE
12:00	The Role of Molecular Modeling and Related Methods in Drug Design	DANIEL M SHADRACK
12:30	Break	
14:00	Phase diagram of active brownian particles in two dimensions	GIUSEPPE GONNELLA
14:30	Position distribution in a generalised run and tumble process	DAVID DEAN
15:00	Proteins' knotty problems - Knots, lassos, links and...how they can fold?	JOANNA SULKOWSKA
15:30	Break	