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ICTP-KIAS School on Statistical Physics for Life Sciences | (smr 3746)

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Monday, 7 November - (09:30-18:30)

time	title	presenter
09:30	Molecular chaperones as nonequilibrium annealing machines	CHANGBONG HYEON (KIAS)
10:10	On the origin of the power-efficiency bound of a heat engine	HYUNGGYU PARK (KIAS)
10:50	A generic mechanism for symmetry-breaking motility in a dilute active fluid	YONGJOO BAEK (SEOUL NATIONAL UNIVERSITY)
11:30	Molecular mechanisms for filtering spatio-temporal noise in cells (ONLINE)	JAE KYOUNG KIM (KAIST/IBS)
12:00	Lunch break	
14:00	Chemical Thermodynamics of Growing Systems	TETSUYA KOBAYASHI (UNIVERSITY OF TOKYO)
14:40	Active diffusion of self-propelled particles interacting with a polymer network	JAE-HYUNG JEON (POHANG UNIVERSITY OF SCIENCE AND TECHNOLOGY)
15:20	First-passage dynamics of many Brownian particles	YONG WOON KIM (KOREA ADVANCED INSTITUTE FOR SCIENCE AND TECHNOLOGY)
16:00	Dynamical systems theory of robust cell differentiation and reprogramming (ONLINE)	KUNIHICO KANEKO (UNIVERSITY OF TOKYO)
16:50	Poster session	