

## Session 6: SP 통계물리일반 (좌장: 이재성)

[SP1] Stochastic efficiency of a microscopic heat engine model

Jong-Min Park and Jae Dong Noh (Univ. of Seoul)

[SP2] Mean-field analysis for a collective motion of globally coupled Brownian particles

Hyun-Myung Chun (Univ. of Seoul)

[SP3] First passage dynamics of fractional Brownian motion with stochastic resetting: a computational study

Sungmin Joo (POSTECH), Xavier Durang (KIAS),

Sungmin Lee (Sungkyunkwan Univ.), and Jae-Hyung Jeon (POSTECH)

[SP4] Interplay of local defect and particle interaction in a 1D TASEP-based traffic model

Hyungjoon Soh (KAIST), Meesoon Ha (Chosun Univ.), and Hawoong Jeong (KAIST)

[SP5] Dynamic critical behavior of the one-dimensional XY model with long-range interaction

Seong-Gyu Yang (Sungkyunkwan Univ.)

[SP6] The out-of-time-ordered correlator of typical state in many-body localization

Juhee Lee (GIST)

[SP7] Phase transitions of long-range contact process in open quantum systems: Mean-field results

Minjae Jo (SNU)