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# Conference on Long-Range-Interacting Many Body Systems: from Atomic to Astrophysical Scales | (smr 2830)

## Friday 29 July 2016

### Session one - LB (Budinich Lecture Hall) (09:00-14:40)

time	title	presenter
09:00	Statistical Mechanics of Self-Gravitating Systems	LEVIN, Yan
09:40	Cooperative effects in light scattering by cold atoms	BACHELARD, Romain P.M.
10:20	Coffee Break	
10:50	Relaxation of finite-size fluctuation in thermal equilibrium	YAMAGUCHI, Yoshiyuki
11:20	Surprises in dynamics of coupled oscillator systems in presence of local potential	GUPTA, Shamik
11:50	Formation probabilities, entanglement entropy and Casimir effect in quantum spin chains	RAJABPOUR, Mohammad A.
12:30	Lunch Break	