



Workshop Schedule

molecule-type workshop

Cosmological Perturbation and Cosmic Microwave Background

3/14	15:00	Discussion with Coffee			K102
3/15	10:30	Discussion with Coffee			K102
	11:00	Shinji Mukohyama	Status of Horava-Lifshitz gravity	(40min+10)	K102
	15:00	Discussion with Coffee			K102
3/16	10:30	Discussion with Coffee			K102
	11:00	David Langlois	CMB non-Gaussianities from primordial isocurvature perturbations	(40min+10)	P. Hall
	15:00	Discussion with Coffee			K102
	16:00	Alexey Starobinsky	Non-perturbative predictions of stochastic inflation	(40min+10)	P. Hall
3/17	10:30	Discussion with Coffee			K102
	11:00	Masahide Yamaguchi	G-inflation	(40min+10)	P. Hall
	15:00	Discussion with Coffee			K102
	16:00	Tomo Takahashi	Scale dependence of non-Gaussianity	(40min+10)	P. Hall
3/18	10:30	Discussion with Coffee			K102
	11:00	Osamu Seto	Curvaton with a double well potential	(40min+10)	P. Hall
	15:00	Tea Party of the Institute			Salon in front of P. Hall
	15:30	Robert Crittenden	YITP colloquium (for non-experts)		P. Hall
	17:00	Kouji Nakamura	Construction of gauge-invariant variables for linear metric perturbation on general background spacetime	(40min+10)	P. Hall
3/21	10:00	Shuntaro Mizuno	Primordial non-Gaussianity from the multi-field DBI Galileon	(20min+5)	P. Hall
	10:30	Antonio De Felice	Primordial non-Gaussianities in general modified gravitational models of inflation	(20min+5)	P. Hall
	11:00	Gianmassimo Tasinato	Scale dependent local non-Gaussianity	(20min+5)	P. Hall
	11:30	Atsushi Naruko	Conservation of the nonlinear curvature perturbation in generic single-field inflation	(20min+5)	P. Hall
	12:00	Lunch			
	13:30	Ivonne Zavala	Multifield Cosmology in Large Volume Scenarios	(20min+5)	P. Hall
	14:00	Dominic C. Galliano	Developing trispectrum estimators to measure non-Gaussianity in the Cosmic Microwave Background	(20min+5)	P. Hall
	14:30	Soo A Kim	Non-gaussianity in axion Nflation models	(20min+5)	P. Hall
	15:00	Rampey Kimura	Evolution of cosmological perturbations in kinetic gravity braiding model	(20min+5)	P. Hall
	15:30	Coffee break			Salon in front of P. Hall
	16:00	Teruaki Suyama	Temporal enhancement of super-horizon curvature perturbation from decays of two curvatons and its cosmological implications	(20min+5)	P. Hall
	16:30	Guido Walter Pettinari	Quantifying nonlinear contributions to the CMB bispectrum in Synchronous gauge	(20min+5)	P. Hall
	17:00	Kaiki Inoue	Evidence of super-structures in the cosmic microwave background and galaxy distribution	(20min+5)	P. Hall
	17:30	Frederico Arroja	On the role of the boundary terms for the non-Gaussianity in k-inflation	(20min+5)	P. Hall
3/22	10:00	Maresuke Shiraishi	CMB bispectrum generated from primordial magnetic fields	(20min+5)	P. Hall
	10:30	Shuichiro Yokoyama	Effect of kurtosis-type of primordial non-Gaussianity on halo mass function	(20min+5)	P. Hall
	11:00	Masaaki Watanabe	The anisotropic inflation and its imprints on the CMB	(20min+5)	P. Hall
	11:30	Antonio Enea Romano	Mimicking the cosmological constant for more than one observable with large scale inhomogeneities	(20min+5)	P. Hall
	12:00	Lunch			
	13:30	Hajime Goto	The Gravitational Lensing Effect on the CMB Polarisation Anisotropy in the -LTB Model	(20min+5)	P. Hall
	14:00	Gustavo Niz	Solving the Big Bang Singularity using String Theory	(20min+5)	P. Hall
	14:30	Alicia Bueno Beloso	A parametrisation of the growth index in GR with a non-trivial vacuum energy and Fisher matrix analysis	(20min+5)	P. Hall
	15:00	Kazuharu Bamba	Future crossing of the phantom divide in $f(R)$ gravity	(20min+5)	P. Hall
	15:30	Coffee break			Salon in front of P. Hall
	16:00	Chan-Gyung Park	Constraints on a $f(R)$ gravity dark energy model with early scaling evolution	(20min+5)	P. Hall
	16:30	Kohei Kamada	Inflation from the supersymmetry breaking sector and reheating of the universe	(20min+5)	P. Hall
	17:00	Gong-bo Zhao	High resolution N-body simulation for $f(R)$ gravity	(20min+5)	P. Hall
	18:00	Party			"Hokuto" Univ. Cafeteria(2F)
3/23	15:00	Discussion with Coffee			K102
	16:00	Yong-Seon Song	Extragalactic foregrounds from primary CMB anisotropy	(40min+10)	P. Hall
3/24	10:30	Discussion with Coffee			K102
	11:00	Kazuya Koyama	Recent progress in massive gravity	(40min+10)	P. Hall
	14:00	Robert Crittenden	Constraining Axions with AGN	(40min+10)	P. Hall
	15:00	Discussion with Coffee			K102
3/25	10:30	Discussion with Coffee			K102