

GR Effects in Cosmological LSS

Sesto Workshop, 14-20/07/2018 - Participants and talks

SURNAME	NAME	TALK TITLE
Adamek	Julian	Relativistic N-body Simulations of Large-Scale Structure
Bertacca	Daniele	Relativistic wide-angle galaxy bispectrum on the light-cone: All-sky analysis
Bolejko	Krzysztof	Silent universes and observational tests of the LCDM model
Breton	Michel-Andrès	Beyond standard RSD: asymmetries in the halo cross-correlation function as a new cosmological probe from linear to non-linear scales.
Bruni	Marco	N/A
Camera	Stefano	Optimised angular spectra for spectroscopic surveys
Cardone	Vincenzo	N/A
Challinor	Anthony	Planck 2018 CMB lensing results
Clarkson	Chris	Tentative
Clifton	Tim	Cosmological perturbation theory in the presence of non-linear structures
Coates	Louis	Ray Tracing in gevolution
Di Dio	Enea	Non-linear relativistic effects
Ellis	George F. R.	Inhomogeneity effects on observations in cosmology: SN observations and lensing of the CMB
Fidler	Christian	Cosmological Structure Formation With Massive Neutrinos
Fuentes Venegas	Jorge Louis	Relativistic second order effects: galaxy number counts
Gallagher	Christopher	Perturbation theory for cosmologies with small-scale non-linear structure
Giacomazzo	Bruno	Numerical Relativity Simulations of Gravitational-Wave Sources
Giblin	John T.	Non-linear Gravity in the Late Universe, Part I
Hui	Lam	Symmetries in dark matter and large scale structure
Korzinski	Mikolaj	Optical drift effects in cosmology - covariant approach
Koyama	Kazuya	The observed galaxy bispectrum in the squeezed limit
Lepori	Francesca	Optimal galaxy survey for detecting the dipole in the cross-correlation with 21 cm Intensity Mapping
Lewis	Antony	Planck 2018
Maartens	Roy	TBA
Macpherson	Hayley	Cosmological simulations of large-scale structure with numerical relativity
Matarrese	Sabino	N/A
Mertens	James	Non-linear Gravity and Observables in the Late Universe, Part II
Nadathur	Sesh	Testing GR through environment-dependence of the growth rate
Saadeh	Daniela	Screening modified gravity: a numerical approach
Santos	Mario	Cosmology with HI intensity mapping: MeerKAT and the SKA
Scaramella	Roberto	Euclid mission, an overview
Starkman	Glenn	N/A
Umeh	Obinna	Observed galaxy bispectrum
Vernizzi	Filippo	Dark energy and modified gravity in the gravitational wave era
Viel	Matteo	N/A
Villa	Eleonora	The distance - redshift relation in the inhomogeneous universe: improving perturbation theory
Wands	David	Interpreting Newtonian simulations in GR

Schedule of the Week

16-20/07/2018

TIME	MONDAY	TIME	TUESDAY	TIME	WEDNESDAY	TIME	THURSDAY	TIME	FRIDAY
8:30-9:00	Arrival and registration								
9:00-9:15	Welcome and logistic: Marco and Matteo	9:00-9:30	Tim Clifton	9:00-9:30	Free	9:00-9:30	Wands	9:00-9:30	Koyama
9:15-10:00	Maartens	9:30-10:00	Chris Gallagher	9:30-10:00	Free	9:30-10:00	Fidler	9:30-10:00	Umeh
10:00-10:30	coffee break	10:00-10:30	coffee break	10:00-10:30	Free	10:00-10:30	coffee break	10:00-10:30	coffee break
10:30-11:15	Santos	10:30-11:00	Ellis	10:30-11:00	Free	10:30-11:00	Adamek	10:30-11:00	Bertacca
11:15-12:00	Scaramella	11:00-11:30	Korzynski	11:00-11:30	Free	11:00-11:30	Coates	11:00-11:30	Villa
12:00-1:00	discussion	11:30-12:00	Bolejko	11:30-12:00	Free	11:30-12:00	discussion	11:30-12:00	Breton
		12:00-1:00	discussion/ collaborations/ work in groups	12:00-1:00	Free	12:00-1:00	discussion/ collaborations/ work in groups	12:00-1:00	Final discussion
1:00-2:00	lunch	1:00-2:00	lunch	1:00-2:00	Free	1:00-2:30	lunch	1:00-2:00	lunch
2:00-4:15	collaborations/ work in groups	2:00-2:30	collaborations/ work in groups	2:00-4:30	Free	2:30-3:15	Giacomazzo		departures or discussions
4:15-4:45	coffee break	2:30-3:00	Vernizzi	4:30-5:00	coffee break	3:15-3:45	Giblin		
4:45-5:30	Hui	3:00-3:30	Saadeh	5:00-5:30	Clarkson	3:45-4:15	coffee break		
5:30-6:00	Camera	3:30-4:00	Nadathur	5:30-6:00	Fuentes-Venegas	4:15-4:45	Mertens		
6:00-6:30	Lepori	4:00-4:30	coffee break	6:00-6:30	Di Dio	4:45-5:15	Macpherson		
6:30-7:00	discussion	4:30-5:15	Lewis	6:30-7:00	discussion	5:15-5:45	discussion		
		5:15-6:00	Challinor			5:45-6:45	discussion/ collaborations/ work in groups		
		6:00-7:00	discussion			6:45-7:00	transfer		
						7:00	social dinner at Lanterna Verde		

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