

COSMO17
Parallel sessions



Monday August 28th

	LSS	CMB	Inflation and Primordial Universe
14:20 - 14:40	Precision cosmology with large-scale structure <i>Nishant Agarwal</i>	Delensing CMB B-modes: a demonstration from SPT <i>Alessandro Manzotti</i>	Warm Little Inflaton <i>Joao Rosa</i>
14:40 - 15:00	Measuring the Bispectrum in Galaxy Surveys: A comparison of DM codes <i>Johnathan Hung</i>	Improved CMB Polarization Measurements from SPTpol <i>Jason Henning</i>	Inflation and the initial condition problem: the role of fluctuation-dissipation dynamics <i>Mar Bastero-Gil</i>
15:00 - 15:20	Probing dark energy with cosmic voids <i>Ixandra Achitouv</i>	SPT-3G: Installation of the Third-generation Camera on the South Pole Telescope <i>Tyler Natoli</i>	Anisotropic inflation in Horndeski theory <i>Sakine Nishi</i>
15:20 - 15:40	How is the cosmic web woven? Inference with generative cosmological models <i>Florent Leclercq</i>	QUBIC: Q and U Bolometric Interferometer <i>Sophie Henro-Versille</i>	Gauss-Bonnet Coupled Quintessential Inflation <i>Charlotte Owen</i>
15:40 - 16:00	Cosmological simulations for precision cosmology with large galaxy surveys <i>Linda Blot</i>	A brand new optimal solution to the Cosmic Microwave Background delensing problem <i>Marius Millea</i>	Reconstruction of the scalar field potential in inflation with a Gauss-Bonnet term <i>Seoktae Koh</i>
16:00 - 16:20	Cosmology with the Euclid galaxy bispectrum <i>Victoria Yankelevich</i>	B-mode polarisation from the ground: recent constraints from the POLARBEAR experiment and prospect for the future <i>Julien Peloton</i>	Investigation of theoretical consistency of stochastic approach <i>Junsei Tokuda</i>
16:20 - 16:50	Coffee Break		

COSMO17
Parallel sessions



	LSS	CMB	Inflation and Primordial Universe
16:50 - 17:10	Extremely Efficient Cosmological Perturbation Theory with FAST-PT <i>Xiao Fang</i>	Kinetic theory of fermions in curved spacetime <i>Cyril Pitrou</i>	The birth of an inflationary universe in the ultimate fate of an evaporating black <i>Naritaka Oshita</i>
17:10 - 17:30	2-FAST: Fast and Accurate Computation of Projected Two-point Functions <i>Henry Gebhardt</i>	CMB delensing in principle and in practice <i>Antony Lewis</i>	Probing Inflationary Models with 21cm Fluctuations from Minihalos <i>Tomo Takahashi</i>
17:30 - 17:50	Learning dark matter halo formation using random forests <i>Luisa Lucie-Smith</i>	Cosmic Microwave Background constraints for global strings and global monopoles <i>Joanes Lizarraga</i>	Scale-dependent non-gaussianity from massive gravity during inflation <i>Guillem Domenech</i>
17:50 - 18:10	Neutrino mass measurements with current and future surveys <i>Thejs Brinckmann</i>	PolyChord 2.0: Fast cosmological inference with nested sampling <i>Will Handley</i>	Quintessential inflation with α -attractors <i>Konstantinos Dimopoulos</i>
18:10 - 18:30	Interacting neutrinos in cosmology: exact description and constraints <i>Isabel Oldengott</i>	Shapes and features of the primordial bispectrum <i>Jinn-Ouk Gong</i>	<i>Electroweak Vacuum Metastability and Low-scale Inflation</i> <i>Yohei Ema</i>
18:30 - 18:50	Lastest eBOSS results. BAO analysis of the quasar DR14 sample in the redshift range $1 < z < 2$ <i>Hector Gil Marin</i>	Towards a measurement of the primordial CMB dipole <i>Miguel Quartin</i>	Quenching preheating due to interactions <i>Seishi Enomoto</i>
18:50 - 20:00	Welcome Cocktail		



Tuesday August 29th

	Large Scale Structure	Primordial Universe	Inflation and Primordial Universe
17:20 - 17:40	KiDS-450: The tomographic weak lensing power spectrum and constraints on cosmological parameters <i>Fabian Koehlinger</i>	Scalar field dark matter and the Higgs field <i>Catarina Cosme</i>	Inflation with Thermalization and Dissipation <i>Alessio Notari</i>
17:40 - 18:00	Weak lensing with finite beams <i>Pierre Fleury</i>	Thermal loophole in the Higgs portal <i>Kristjan Kannike</i>	Single field inflationary models and UV sensitivity <i>Fumagalli Jacopo</i>
18:00 - 18:20	Cosmological parameter constraints from galaxy-galaxy lensing with the Deep Lens Survey <i>Mijin Yoon</i>	Higgs stability during preheating and vacuum dependence <i>Jorinde Van de Vis</i>	Cosmological stochastic Higgs stabilization <i>Naoya Kitajima</i>
18:20 - 18:40	Fully Relativistic Higher Order Effects in Weak Lensing using the Post-Friedmann Approximation Scheme <i>Hedda Gressel</i>	Baryogenesis from Primordial Magnetic Helicity <i>Andrew Long</i>	A new model of D-term hybrid inflation <i>Keigo Sumita</i>
18:40 - 19:00	Baryonic effects in cosmic shear tomography: handle with PCA <i>Irshad Mohammed</i>	Asymmetric Preheating : CP violation and matter-antimatter asymmetry in the Bogoliubov transformation <i>Tomohiro Matsuda</i>	Oscillating Affleck-Dine condensate and its cosmological implications <i>Fuminori Hasegawa</i>
19:00 - 19:20	The impact of baryons on dark energy measurements <i>David Copeland</i>	Unusual Vacuum Decay Events in the Early Universe <i>James Scargill</i>	Cosmological Constraints on Ensembles of Particles <i>Patrick Stengel</i>



Wednesday August 30th

	Modified Gravity	Gravitational Waves + Dark Matter	Inflation and Primordial Universe
13:50 - 14:10	A new theory of modified gravity <i>Chunshan Lin</i>	Gravitational Wave signatures of Inflationary Models from Primordial Black Hole Dark Matter <i>Unal Caner</i>	Stochastic spectator field dynamics <i>Robert Hardwick</i>
14:10 - 14:30	Higher Order Scalar-Tensor Theories <i>Marco Crisostomi</i>	Gravitational waves from a new parametrization of inflation <i>Siri Chongchitnan</i>	Axion excursions of the landscape during inflation <i>Gonzalo Palma</i>
14:30 - 14:50	Generalized multi-Galileons, covariantized new terms, and the no-go theorem for non-singular cosmologies <i>Shingo Akama</i>	Studying stellar evolution with gravitational wave observations <i>Irina Dvorkin</i>	Stochastic Formalism in Curved Field Space <i>Yuichiro Tada</i>
14:50 - 15:10	Galileon p-forms and their classification <i>Sebastian Garcia-Saenz</i>	The Gravitational Wave Production during Inflation revisited <i>Tomohiro Fujita</i>	Particle production at sharp turns of the inflationary trajectory <i>Maria Rozanska-Kaminska</i>
15:10 - 15:30	Generic instabilities of non-singular cosmologies in Horndeski theory: a no-go theorem <i>Tsutomu Kobayashi</i>	Gravitational waves from first-order phase transitions: shape of the power spectrum and prospects for detection <i>David Weir</i>	Preheating after multifield inflation with nonminimal couplings <i>Evangelos Sfakianakis</i>
15:30 - 15:50	Generalized slow-roll approach for Horndeski inflation <i>Hector Ramirez</i>	Small field inflationary models with significant GW signal <i>Ira Wolfson</i>	A covariant method for studying the evolution of primordial perturbations during reheating phase in two-field inflation <i>Nelson Videla</i>
15:50 - 16:20	Coffee Break		

COSMO17
Parallel sessions



	Modified Gravity	Gravitational Waves + Dark Matter	Inflation and Primordial Universe
16:20 - 16:40	Extended vector-tensor theories <i>Atsushi Naruko</i>	Implications of inflationary interaction on gravitational-wave detection <i>Ryo Namba</i>	Quantum diffusion and primordial black holes from inflation <i>David Wands</i>
16:40 - 17:00	Effective field theories and modified gravity or: How I learned to stop worrying and love higher-derivative Lagrangians <i>Adam Solomon</i>	Consequences of interactions between Dark Matter and Dark Radiation <i>Julien Lesgourgues</i>	On reheating in alpha attractor models of inflation <i>Michal Wieczorek</i>
17:00 - 17:20	Relation between field transformations and physical degrees of freedom in scalar-tensor theories <i>Kazufumi Takahashi</i>	Direct detection constraints on well-tempered dark matter in MSSM and NMSSM <i>Pawel Szczerbiak</i>	The Geometrical Destabilization of Inflation: what? why? and how? <i>Sebastien Renaux-Petel</i>
17:20 - 17:40	Massive Gravitons and Dark Matter <i>Katsuki Aoki</i>	Minimal assumption direct detection <i>Jayden Newstead</i>	Primordial perturbations from hyperinflation <i>Shuntaro Mizuno</i>
17:40 - 18:00	Healthy imperfect dark matter from effective theory of mimetic cosmological perturbations <i>Shini'chi Hirano</i>	Coherent bosonic dark matter <i>Jose Cembranos</i>	Field-theoretic simulations of colliding superconducting strings <i>Takashi Hiramatsu</i>
18:00 - 18:20	Stable bouncing universe in Horava-Lifshitz Gravity <i>Mitsuhiro Fukushima</i>	Towards understanding the thermal history of the Universe through direct and indirect detection of dark matter <i>Krzysztof Turzynski</i>	Evolution of semilocal strings: lengths and velocities <i>Asier Lopez-Eiguren</i>
18:20 - 18:40		Kinetic decoupling of dark matter: how it affects the relic abundance <i>Ayuki Kamada</i>	Moduli Vacuum Misalignment and Precise Predictions in String Inflation <i>Koushik Dutta</i>
19:30 - 22:30	Barry Barish public Talk followed by a buffet		

COSMO17
Parallel sessions



Thursday August 31st

	Dark Matter	Modified Gravity + Primordial Universe	Inflation and Primordial Universe + Large Scale Structure
14:20 - 14:40	The first XENON1T results <i>Messina</i>	Unitary Null Energy Condition Violation in Scalar Field Cosmologies <i>Scott Melville</i>	String Gas Cosmology with Varying Speed of Light <i>Ali Nayeri</i>
14:40 - 15:00	Primordial Black Holes as Dark Matter <i>Florien Kuhnel</i>	Stability of nonsingular cosmologies with limiting curvature <i>Jerome Quintin</i>	Collisions of superconducting strings with Y-junctions <i>Daisuke Yamauchi</i>
15:00 - 15:20	Primordial Black Holes from Inflaton and Spectator Field Perturbations <i>Tommi Tenkanen</i>	Kinetic field theory of large-scale structure, and modified theories of gravity <i>Yashar Akrami</i>	A new formalism for cosmological observables -- without coordinates <i>Ermis Mitsou</i>
15:20 - 15:40	Primordial black hole constraints for extended mass functions <i>Ville Vaskonen</i>	Model-independent constraints on modified gravity during reionization <i>Caroline Heneka</i>	Shell-crossing and the classical limit of the Schrödinger-Poisson equation <i>Florian Fuehrer</i>
15:40 - 16:00	Gamma-ray Constraints on Annihilating Dark Matter from a Search in Galaxy Groups <i>Siddharth Mishra-Sharma</i>	Tests of Gravity Using Supermassive Black Holes <i>Jeremy Sakstein</i>	Search for signatures of cosmic string wakes using n body simulations <i>Disrael Da Cunha</i>
16:00 - 16:20	Gamma rays from MeV dark matter in light of CMB data <i>Javier Reynoso</i>	Preferred-frame effects in higher-order scalar-tensor theories <i>Ryo Saito</i>	Applying the post-Newtonian formalism to cosmology <i>Viraj Sanghai</i>
16:20 - 16:50	Coffee Break		

COSMO17
Parallel sessions



	Dark Matter	Modified Gravity + Primordial Universe	Large Scale Structure + CMB
16:50 - 17:10	DM-DR interactions for the Hubble constant and the structure growth rate <i>Pyungwon Ko</i>	New constraints on the primordial magnetic fields from magnetic reheating <i>Shohei Saga</i>	Constraining Cosmic Dawn with Global 21-cm Signal Observations from the Lunar Farside <i>David Rapetti</i>
17:10 - 17:30	Impacts of dark Higgs on the LHC search for the singlet fermion DM <i>Pyungwon Ko</i>	Relativistic False Vacuum Decay in Analogue Cold Atom Systems <i>Jonathan Braden</i>	KiDS-450 + 2dFLenS <i>Shahab Joudaki</i>
17:30 - 17:50	Right-handed Neutrino Dark Matter in the Classically Conformal U(1)' extended Standard Model <i>Dai-Suke Takahashi</i>	Evaporation of the de Sitter Horizon <i>Tommi Markkanen</i>	Hints of new physics in the CMB spectra <i>Spyros Sypsas</i>
17:50 - 18:10	Unbiased Constraints to the mass in axion-like dark matter models <i>Alma Gonzalez</i>	Quantum Gravity inspired nonlocal gravity model <i>Henrik Nersisyan</i>	Tensions related to the lensing of CMB power spectra <i>Matthieu Tristram</i>
18:10 - 18:30	Probing Axions with CMB and BAO <i>Benjamin Wallisch</i>	More on DBI action in 4D N = 1 supergravity <i>Aoki Shuntaro</i>	First CMB constraints on dark matter effective theory <i>Vera Gluscevic</i>
18:30 - 18:50	No Quantum Breaking for Cosmic Axions <i>Sebastian Zell</i>	On large lepton number asymmetries of the Universe <i>Wanil Park</i>	Measuring the effects of Loop Quantum Cosmology in the CMB data <i>Vahid Kamali</i>
18:50 - 19:10	Measurements of the properties of the intergalactic medium <i>Antonella Garzilli</i>	Exotic cosmologies and the origin of the null energy condition <i>Maulik Parikh</i>	Can we show that cosmological structures are of quantum mechanical origin? <i>Vincent Vennin</i>
20:30 - 23:00	Conference Dinner		