COSMO'21 Parallel Session Schedule

Table	1:	Monday	Aug	2,	2021

Session	Time	Speaker	Title
A1	11:45 AM	Angelo Caravano	Lattice simulations of the deep inflationary phase
	12:00 PM	Matthew Davies	Non-Gaussianity in General Idealized Models of Inflation
	$12:15 \ \mathrm{PM}$	Sami Raatikainen	Primordial black hole production in stochastic ultra-slow-roll inflation
	$12:30 \ \mathrm{PM}$	Walter Riquelme	Primordial non-Gaussianity from the angular clustering: prospects for DES
A2	$11:45 \ \mathrm{AM}$	Salome Mtchedlidze	Evolution and signatures of primordial magnetic fields
	12:00 PM	Nhat-Minh Nguyen	Direct applications of galaxy clustering modeling at field level
	$12:15 \ \mathrm{PM}$	Cora Uhlemann	Nuw Cosmology beyond the average from one-point statistics
	$12:30 \ \mathrm{PM}$	Neil D. Barrie	Affleck-Dine Leptogenesis from Higgs Inflation
A3	$11:45 \ \mathrm{AM}$	Francesca Gerardi	Unbiased likelihood-free inference of the Hubble Constant from light standard sirens
	12:00 PM	Gabriele Franciolini	Searching for Primordial Black Holes: The Role of 3rd Generation Gravitational Wave Detectors
	12:15 PM	Henrique Rubira	A hybrid simulation of gravitational wave production in first-order phase transitions
	$12:30 \ \mathrm{PM}$	Diego Blas	Binary systems as gravitational wave detectors
A4	$11:45 \ \mathrm{AM}$	Bartolomeo Fiorini	Fast generation of mock galaxy catalogues in modified gravity models with COLA
	12:00 PM	Matteo Cataneo	Crossing the boundary of 2-point statistics in modified gravity and dark energy
	12:15 PM	Léo Vacher	Astrophysical and local constraints on string theory: runaway dilaton models
	$12:30 \ \mathrm{PM}$	Daniela Saadeh	Can we Vainshtein screen a fifth fundamental force?
B1	3:00 PM	Thomas Morrison	Non-Gaussianity from Phase Transitions During Inflation
	$3:15 \ \mathrm{PM}$	Qianshu Lu	Missing scalars at the cosmological collider
	3:30 PM	Saarik Kalia	Warming Up Cold Inflation
	$3:45 \ \mathrm{PM}$	Rose Baunach	Does Planck Actually "See" the Bunch-Davies State?
B2	3:00 PM	Sujeong Lee	Combining Spectroscopic and Photometric Surveys with the DMASS sample
	3:15 PM	Supranta Sarma Boruah	Map-based cosmology inference with lognormal cosmic shear maps
	3:30 PM	Matthew McQuinn	On the primordial information available to galaxy redshift surveys
	$3:45 \ \mathrm{PM}$	Michael Chapman	Measuring the growth rate using small-scale clustering in eBOSS
B3	3:00 PM	Caleb Levy	Multi-component multiscatter capture of Dark Matter
	3:15 PM	Huangyu Xiao	Simulations of Axion Minihalos
	3:30 PM	Ahmad Borzou	Estimation of the Mass of Dark Matter Using the Observed Mass Profiles of Late-Type Galaxies
	$3:45 \ \mathrm{PM}$	Sebastian Baum	Paleo-Detectors - Digging for Dark Matter (and Neutrinos)
B4	3:00 PM	Eva-Maria Mueller	Cosmology Results from eBOSS
	$3:15 \ \mathrm{PM}$	Fabrizio Rompineve	A Dark Sector to restore Cosmological Concordance
	3:30 PM	Vivian Sabla	No H_0 assistance from assisted quintessence
	$3:45 \ \mathrm{PM}$	Heling Deng	A possible mass distribution of primordial black holes implied by LIGO-Virgo

Table 2: Tuesday Aug 3, 2021

Session	Time	Speaker	Title	
C1	11:45 AM	Jan Kwapisz	Is asymptotically safe inflation eternal ?	
	12:00 PM	Jeff Kost	Massless Preheating and Electroweak Vacuum Metastability	
	12:15 PM	Sovan Sau	Diffusion of density inhomogeneities in the early universe	
	$12:30 \ \mathrm{PM}$	Carlos Martins	BBN with varying fundamental constants: Improved constraints & a possible Li problem solution	
C2	11:45 AM	Lukas Witkowski	Oscillations in the stochastic gravitational wave background from small-scale features	
	12:00 PM	Toshinori Hayashi	A strategy to search for an inner binary black hole from the motion of the tertiary	
	12:15 PM	Takahiro Terada	Induced Grav. Waves from the End of Reheating: Case of Primordial-Black-Hole-Dominated Univ.	
	$12:30 \ \mathrm{PM}$	Shuang-Yong Zhou	New positivity bounds from full crossing symmetry	
C3	11:45 AM	Luca Caloni	Updated cosmological constraints on Macroscopic Dark Matter	
	12:00 PM	Sambo Sarkar	Halo uncertainties in electron recoil events at direct detection experiments	
	12:15 PM	Grace Lawrence	Gusts in the Headwind: Uncertainties in Direct Dark Matter Detection	
	$12:30 \ \mathrm{PM}$	Satyabrata Mahapatra	Muon $(g-2)$ and XENON1T Excess with Dark Matter in $L_{\mu} - L_{\tau}$ Model	
C4	$11:45 \ \mathrm{AM}$	Seshadri Nadathur	Beyond BAO: geometry and growth information from voids in eBOSS DR16	
	12:00 PM	Andrei Cuceu	Towards sub percent measurements of the expansion rate above redshift 2.	
	12:15 PM	Giulia Giannini	Redshift Calib. of DES Y3 Maglim Lens Sample using Self-Organizing Maps & Clustering Redshifts	
	12:30 PM	Isabelle Tanseri	Updated neutrino mass bounds from galaxy clustering	
D1	3:00 PM	Aaron Tohuvavohu	The Best Case Scenario: Towards prompt arcminute localization of a GW source	
	3:15 PM	Tina Kahniashvili	Circularly polarized gravitational waves from the early universe turbulent sources	
	$3:30 \ \mathrm{PM}$	ChangHoon Hahn	Constraining Neutrino Mass with The Galaxy Bispectrum	
	$3:45 \ \mathrm{PM}$	Christina Kreisch	Constraining Elusive Neutrino Properties Near and Far	
D2	3:00 PM	Keir Rogers	Strong bound on canonical ultra-light axion dark matter from the Lyman-alpha forest	
	3:15 PM	William DeRocco	Hunting for Axions in the Solar Basin	
	3:30 PM	So Chigusa	Direct detection of light bosonic dark matter using spin excitation	
	$3:45 \ \mathrm{PM}$	Wei-Xiang Feng	Seeding Supermassive Black Holes with Self-interacting Dark Matter: A Unified Scenario w/ Baryons	
D3	3:00 PM	Brian Lu	The Impact of Baryons on Cosmological Inference from Weak Lensing Statistics	
	3:15 PM	Hong-Yi Zhang	Gravitational effects on oscillon lifetimes	
	3:30 PM	Soubhik Kumar	Dark Radiation Isocurvature: Constraints and Application to the H0 Tension	
	3:45 PM	Chia-Feng Chang	Gravitational Waves from Global Cosmic Strings and Cosmic Archaeology	
D4	3:00 PM	José Ricardo Correia	High resolution calibration of string modelling	
	3:15 PM	Oliver Philcox	Large Scale Structure Cosmology from the 4-Point Function	
	3:30 PM	Yueying Ni	Super-resolution cosmological simulation	
	$3:45 \ \mathrm{PM}$	Ferah Munshi	Can you constrain dark matter at the limits of galaxy formation?	

Table 3: Wednesday Aug 4, 2021

Session	Time	Speaker	Title
E1	$11:45 { m AM}$	Ankit Beniwal	Thermal WIMPs and the scale of new physics
	$12:00 \ \mathrm{PM}$	Michael Zantedeschi	Primordial black holes from confinement
	$12:15 \ \mathrm{PM}$	Fumio Uchida	Baryon isocurvature constraints on the primordial magnetic fields
	$12:30 \ \mathrm{PM}$	Gaétan Facchinetti	Subhalo properties in simplified dark matter models and impact on indirect searches
E2	11:45 AM	Juraj Klarić	Uniting low-scale leptogeneses
	$12:00 \ \mathrm{PM}$	Julian Rey	Primordial black holes in an early matter-dominated era and stochastic inflation
	$12:15 \ \mathrm{PM}$	Fazlollah Hajkarim	Production of Thermal Axions in the Early Universe
	12:30 PM	Gen Ye	Cosmological parameter shifts and AdS-EDE
E3	$11:45 { m AM}$	Nilanjandev Bhaumik	PBHs and induced GWs from single field inflation and the small scale imprints of reheating
	$12:00 \ \mathrm{PM}$	Giorgos Korkidis	A new probe of dark energy
	$12:15 \ \mathrm{PM}$	Naomi Robertson	Cluster mass calibration with ACT and KiDS
	12:30 PM	Thomas Edwards	Using Radio Observations of Neutron Stars to Probe QCD Axion Dark Matter
E4	$11:45 { m AM}$	Florian Niedermann	Addressing the Hubble tension with new early dark energy
	$12:00 \ \mathrm{PM}$	Alessio Notari	Cosmic Axion Background: the QCD axion as a hot relic
	$12:15 \ \mathrm{PM}$	Lennart Balkenhol	Constraints on Cosmology from the SPT-3G 2018 EE/TE Power Spectra
	12:30 PM	Luu Hoang Nhan	The Hubble Constant in the Axi-Higgs Universe
F1	3:00 PM	Fei Huang	Resurrecting Low-Mass Axion Dark Matter Via a Dynamical QCD Scale
	$3:15 \ \mathrm{PM}$	Itamar Allali	Gravitational Decoherence with Applications to Dark Matter Phenomenology
	3:30 PM	Kevin Zhou	Stellar Shocks From Dark Matter
	$3:45 \ \mathrm{PM}$	Youjia Wu	Dark Stars Powered by Self-Interacting Dark Matter
F2	3:00 PM	Alessio Spurio Mancini	CosmoPower: emulating cosmolog. power spectra for accelerated inference from next-gen. surveys
	$3:15 \ \mathrm{PM}$	Heyang Long	Streaming Velocity Effects on the Post-reionization 21 cm BaryonAcoustic Oscillation Signal
	3:30 PM	Alina Sabyr	Cosmo. Constraints from Weak Lensing Peaks: Can Halo Models Accurately Predict Peak Counts?
	$3:45 \ \mathrm{PM}$	Brandon Buncher	Probabilistic Cosmic Web Classification using Fast-Generated Training Data
F3	3:00 PM	Ari Cukierman	The oscillating sky: BICEP as an axion direct-detection experiment
	3:15 PM	Ritoban Basu Thakur	The BICEP-Array program
	$3:30 \ \mathrm{PM}$	Mudit Jain	CMB birefringence due to ultralight axion string networks
	$3:30 \ \mathrm{PM}$	Qiuyue Liang	Neutrino-Assisted Early Dark Energy as a solution to Hubble tension
F4	3:00 PM	Jose María Ezquiaga	Probing the standard cosmological model with the population of binary black-holes
	$3:15 \ \mathrm{PM}$	Soichiro Morisaki	Observation of gravitational waves from two neutron star black hole coalescences
	$3:30 \ \mathrm{PM}$	Michael A. Fedderke	Bridging the microhertz gap with asteroids: opportunities and challenges for grav. wave detection
	$3:45 \ \mathrm{PM}$	Jack Setford	Mirror Neutron Stars

Table 4: Thursday Aug 5, 2021

Session	Time	Speaker	Title
G1	11:45 AM	Patrick Stoecker	Setting bounds on the lightest neutrino mass with CosmoBit, the GAMBIT cosmological module
	12:00 PM	Tsung-Han Yeh	BBN and CMB combined and separate constraints on new physics: measuring $N_{\rm eff}$ and its evolution
	$12:15 \ \mathrm{PM}$	Anirban Das	Self-interacting neutrinos as a solution(?) to the Hubble tension
	12:30 PM	Qianhang Ding	Ultrahigh-energy Gamma Rays and Gravitational Waves from Primordial Exotic Stellar Bubbles
G2	$11:45 { m AM}$	Venus Keus	CP-violating inflation and its cosmological imprints
	12:00 PM	Sebastian Zell	Black Hole Metamorphosis: What happens after half evaporation?
	$12:15 \ \mathrm{PM}$	Ranjan Laha	Low Mass Black Holes from Dark Core Collapse
	12:30 PM	Hayato Motohashi	Exact solution for wave scattering from black holes
G3	$11:45 \ \mathrm{AM}$	Benjamin Joachimi	KiDS-1000: new constraints on the amplitude of structure formation from cosmic shear and beyond
	12:00 PM	Dmitry Blinov	PASIPHAE: Through the veil of dust to inflation
	$12:15 \ \mathrm{PM}$	Andreu Font-Ribera	Dark Energy Spectroscopic Instrument: Overview and early data
	12:30 PM	Martin Makler	Constraints on modified gravity using Einstein rings
G4	$11:45 { m AM}$	Steffen Hagstotz	A new measurement of the Hubble constant with Fast Radio Bursts
	12:00 PM	Natalie Hogg	Constraints on the distance duality relation with standard sirens
	$12:15 \ \mathrm{PM}$	David Jones	Cosmo. Results from the RAISIN Survey: Type Ia SNe in the Near IR as a Novel Path to Dark Energy
	$12:30 \ \mathrm{PM}$	Xilu Wang	r-Process Radioisotopes from Near-Earth Supernovae and Kilonovae