

Table of contents

Monday 10 July 2023	1
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DSU2023 (The Dark Side of the Universe) | (smr 3863)

Monday 10 July 2023

notitle - (09:30-16:50)

time	title	presenter
09:30	Opening & Welcome	
09:50	Gravitational Portal Production of Dark Matter	KEITH OLIVE
10:25	Supersymmetric Dark Matter and Spin Characterization in Mono- $Z\bar{Z}$ Channels	SHAABAN SAID KHALIL
11:00	Coffee break	
11:30	Room 1. Sub-GeV dark matter search at ILC beam dumps	KENTO ASAI
11:30	Room 2. Projections for the impact of the Legacy Survey of Space and Time (LSST) telescope's detection of new Milky Way satellite dwarf galaxies on the indirect detection of dark matter	MICHAEL CHRISTOPHER KELSO
11:50	Room 1. New constraints on the dark matter-neutrino and the dark matter-photon scattering cross-sections	ALEJANDRO IBARRA
11:50	Room 2. Similarity, trends, and halo-to-halo scatter in a first 'observed' dark matter phase-space in nearby Milky Way- like galaxies	SUBHABRATA MAJUMDAR
12:10	Room 1. The DarkSide-20k experiment: prospects and current status	GIUSEPPE MATTEUCCI
12:10	Room 2. DES Year-3 cosmological constraints and comparison with KiDS, HSC and Planck: is there a σ_8 tension?	RAMON MIQUEL
12:30	Lunch	
14:00	Cosmology with neutral hydrogen intensity mapping: MeerKAT and the SKA	MARIO SANTOS
14:35	LSS Cosmology in the Systematics-Limited Regime	ELISABETH KRAUSE
15:10	Coffee break	
15:50	Room 1. Directional detection of dark matter boosted by cosmic-rays from direction of the Galactic center	KEIKO NAGAO
15:50	Room 2. Probing large-scale structure with 21cm intensity Mapping and other surveys	MPONENG KOPANA
16:10	Room 1. Dark matter heating vs vortex creep heating in old neutron stars	MOTOKO FUJIWARA
16:10	Room 2. Cosmology using 1-loop EFT power spectrum for HI intensity mapping	FINARITRA LIANTSOA RANDRIANJANAHARY
16:30	Room 2. The potential of MeerKAT for indirect dark matter searches	GEOFFREY BECK