

8th IBS-MultiDark-ICTP workshop

Monday 13 November 2023

8th IBS-MultiDark-ICTP workshop: 8th IBS-MultiDark-ICTP workshop (15:15-16:45)

| time | [id] title | presenter |
|-------|---|----------------|
| 15:15 | [1] The DAMIC-M experiment: status and first results | VILAR, Rocio |
| 15:45 | [2] ANAIS-112: updated results on annual modulation with three-year exposure and future prospects | COARASA, Ivan |
| 16:15 | [3] Constraining self-interacting fermionic dark matter in admixed neutron stars using multimessenger astronomy | PEREZ, Angeles |

8th IBS-MultiDark-ICTP workshop: 8th IBS-MultiDark-ICTP workshop (17:15-18:15)

| time | [id] title | presenter |
|-------|---|-----------------------------|
| 17:15 | [4] Quantisation across bubble walls and friction | Dr. PETROSSIAN-BYRNE, Rudin |
| 17:45 | [5] FOPTs and Dark Matter | AZATOV, Alex |

Tuesday 14 November 2023

8th IBS-MultiDark-ICTP workshop: 8th IBS-MultiDark-ICTP workshop (10:00-11:30)

| time | [id] title | presenter |
|-------|--|----------------------|
| 10:00 | [6] Bayesian analysis with Machine Learning in Direct DM Detection | DE LOS RIOS, Martin |
| 10:30 | [7] The quest for physics beyond the standard model | SOREQ, Yotam |
| 11:00 | [8] Light DM detection with FASER | JODLOWSKI, Krzysztof |

8th IBS-MultiDark-ICTP workshop: 8th IBS-MultiDark-ICTP workshop (12:00-13:00)

| time | [id] title | presenter |
|-------|---|---------------------|
| 12:00 | [9] EDM probes on BSM CP violation and the PQ quality | Prof. IM, Sang Hui |
| 12:30 | [10] Lepton Portal DM | KAWAMURA, Junichiro |

8th IBS-MultiDark-ICTP workshop: 8th IBS-MultiDark-ICTP workshop (15:00-16:00)

| time | [id] title | presenter |
|-------|---------------------------------|----------------|
| 15:00 | [11] DM neutrino interactions | AKITA, Kensuke |
| 15:30 | [12] The neutrino-DM connection | VALLE, Jose |

Wednesday 15 November 2023

8th IBS-MultiDark-ICTP workshop: 8th IBS-MultiDark-ICTP workshop (10:00-11:30)

| time | [id] title | presenter |
|-------|--|---------------------|
| 10:00 | [13] CDM halo substructure and its role for dark matter searches revealed with numerical simulations | AGUIRRE, Alejandra |
| 10:30 | [14] DM searches with CTA | PEREZ ROMERO, Judit |
| 11:00 | [15] Updated spectra of particles from dark matter annihilation | JUEID, Adil |

8th IBS-MultiDark-ICTP workshop: 8th IBS-MultiDark-ICTP workshop (12:00-13:00)

| time | [id] title | presenter |
|-------|---|--------------------|
| 12:00 | [16] Dissipative Genesis of the Inflationary Universe | TERADA, Takahiro |
| 12:30 | [17] Monopoles and Cosmological Magnetic Fields | KOBAYASHI, Takeshi |

Thursday 16 November 2023

8th IBS-MultiDark-ICTP workshop: 8th IBS-MultiDark-ICTP workshop (10:30-11:30)

| time | [id] title | presenter |
|-------|---|---------------|
| 10:30 | [19] Axion Magnetic Resonance | YUN, S. |
| 11:00 | [20] Axion free-kick misalignment mechanism | XU, Ling-Xiao |

8th IBS-MultiDark-ICTP workshop (12:00-13:00)

| time | [id] title | presenter |
|-------|--|-----------------|
| 12:00 | [21] Cosmology in a symmetric world | TESI, Andrea |
| 12:30 | [18] New supernovae probes of neutrino self-interactions | CERMENO, Marina |

8th IBS-MultiDark-ICTP workshop (15:00-16:30)

| time | [id] title | presenter |
|-------|--|----------------|
| 15:00 | [23] Colloquium: Testing decaying dark matter with the cosmic background radiation and the first stars | SLATYER, Trace |

Friday 17 November 2023

8th IBS-MultiDark-ICTP workshop: 8th IBS-MultiDark-ICTP workshop (10:30-11:30)

| time | [id] title | presenter |
|-------|--|------------------|
| 10:30 | [24] Stochastic fluctuations of ultralight dark matter on pulsar timing arrays | KIM, Hyungjin |
| 11:00 | [25] Formation of ultralight dark matter solar halos | GORGHETTO, Marco |

8th IBS-MultiDark-ICTP workshop: 8th IBS-MultiDark-ICTP workshop (12:00-13:00)

| time | [id] title | presenter |
|-------|--|------------------|
| 12:00 | [26] DM and collider probes | HEINEMEYER, Sven |
| 12:30 | [27] A SUSY B-L model and NANOGrav 15yr data | PARK, W. |