



# FY2022 "What is dark matter? - Comprehensive study of the huge discovery space in dark matter"

## Tuesday 07 March 2023

### Short Talks for Open-Socilit Researches - Lecture Hall (16:30-18:05)

-Conveners: Shohei Nishida

time	[id] title	presenter
16:30	[51] D02-01 Hidden Photon Search at Tohoku and future	KISHIMOTO, Yasuhiro
16:35	[52] D02-02 Search for Dark Matter of Axion and Dark Photon at the LHC-ATLAS Experiment	TANAKA, Junichi
16:40	[53] D02-03 DM mass from Cross correlating gamma ray with LSBG and IGM clustering	NISHIZAWA, Atsushi
16:45	[54] D02-04 Search for New Physics in Electronic Recoil Data from XENONnT	KAZAMA, Shingo
16:50	[55] D02-05 Study of assembly bias and splashback radius through multiwavelength data set and weak lensing	MIYATAKE, Hironao
16:55	[56] D02-06 Development of spectrometer for WISP DM searches	SUZUKI, Junya
17:00	[69] D02-07 -> separate talk on 9th	TSURU, Takeshi
17:01	[57] D03-01 -> separate talk on 8th	HAYASHI, Kohei
17:02	[58] D03-02 Probing the nature of dark matter in galaxy scales	CHIBA, Masashi
17:07	[59] D03-03 The role of the dark matter in the statistics of active galactic nuclei (no talk)	OOGI, Taira
17:08	[60] D03-04 Astrophysical and Terrestrial Signals of Axion Stars	EBY, Joshua
17:13	[61] Refined relic abundance calculations for thermal and non-thermal Dark Matter	BINDER, Tobias
17:18	[62] D03-06 Upper limit on the scalar field dark matter from LIGO third observation run	SUYAMA, Teruaki
17:23	[68] D03-07 Radio bounds on the mixed dark matter scenarios of primordial black holes and WIMPs (no talk)	TASHIRO, Hiroyuki
17:24	[63] D03-08 -> separate talk on 8th	NOUMI, Toshifumi
17:29	[64] D03-09 Search for TeV-Range Dark Matter with Electron and Positron Cosmic Rays (zoom)	MOTZ, Holger
17:34	[65] D03-10 Validation of CDM cosmology for large-scale structure formation by considering cosmic variance	MASAKI, Shogo
17:39	[66] D03-11 EBES (Electron Beam dump Experiment at SY3) to search for weakly interacting particles in MeV-GeV	SAKAKI, Yasuhito
17:44	[67] D03-12 Jeans Equation Solver Using ML	NOJIRI, Mihoko