



# Dark matter searches in the 2020s - At the crossroads of the WIMP

## Tuesday 12 November 2019

### Poster short presentations (12:00-12:30)

**-Conveners: Kohei Hayashi**

time	[id] title	presenter
12:00	[23] The GAPS experiment: sensitive survey of cosmic-ray antinuclei to search dark matter	WADA ON BEHALF OF THE GAPS COLLABORATION, Takuya
12:03	[35] Scalar dark matter interacting through an extra U (1) gauge interaction	SETO, Osamu
12:06	[51] Constraint on the nature of annihilating dark matter with Low Surface Brightness Galaxies	HASHIMOTO, Daiki
12:09	[59] J-factor estimation of Draco, Sculptor and Ursa Minor dSphs with the member/foreground mixture model	HORIGOME, Shunichi
12:12	[63] Probing heavy dark matter decays with multi-messenger astrophysical data	Dr MACIAS, Oscar
12:15	[71] Galaxy collisions and the missing satellite problem in the cold dark matter model	Prof. MORI, Masao
12:18	[74] Dynamics of the cusp-to-core transformation in the cold dark matter halos	Dr KATO, Kazuki
12:21	[75] Characterization of new photo-detectors for the future dark matter experiments with liquid xenon	OZAKI, Kosuke