

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

Tuesday 12 November 2019

Young Scientists session: I (15:45-16:45)

-Conveners: Kohei Hayashi

time	[id] title	presenter
15:45	[34] Rapid bound-state formation of Dark Matter in the Early Universe	Dr BINDER, Tobias
16:05	[24] Status and Prospect of PandaX experiment	Dr XIE, Pengwei
16:25	[21] N-body self-consistent stars-halo modelling of the Fornax dwarf galaxy	Mrs SHCHELKANOVA, Galina

Young Scientists session: II (17:00-17:40)

-Conveners: Kohei Hayashi

time	[id] title	presenter
17:00	[50] SMILE project: all-sky MeV gamma-ray observation and dark matter survey	Mr NAKAMURA, Yuta
17:20	[20] Dark Matter Heating vs. Rotochemical Heating in Old Neutron Stars	Dr YANAGI, Keisuke

Wednesday 13 November 2019

Young Scientists session: III (15:30-16:30)

-Conveners: **Moritz Hütten**

time	[id] title	presenter
15:30	[26] Improved search for Dark Matter annihilation with a combined analysis of data from Fermi-LAT, HAWC, H.E.S.S., MAGIC and VERITAS: a framework for future DM analyses	KERSZBERG, Daniel
15:50	[56] Search for dark matter TeV spectral lines around the Galactic Centre with the MAGIC telescopes	Mr INADA, Tomohiro
16:10	[54] Constraining Secluded Dark Matter Scenarios with HAWC	Mr HERNANDEZ CADENA, Sergio