



# XXVIII Cracow EIPHANY Conference on Recent Advances in Astroparticle Physics

## Friday, 14 January 2022

### Young Scientists' Session: Dark matter and astrophysical neutrinos (12:35 - 13:15)

-Conveners: Dariusz Gora

time	[id] title	presenter
12:35	[28] Investigating the effect of dark matter component on neutron star equation of state using the gravitational wave observation from binary neutron star merger GW170817	DAS, Arpan
12:45	[9] The ICARUS detector for the Short-Baseline Neutrino (SBN) experiment at Fermilab	BABICZ, Marta
12:55	[70] Method for simulation of light propagation in water for large-scale underwater Cherenkov telescopes	NOGA, Wojciech
13:05	[53] VERITAS follow-up observations of dwarf nova MASTER OT J030227.28+191754.5 as a possible neutrino counterpart	KHERLAKIAN, Maria