



# The puzzle of dark matter - assembling the pieces

## Tuesday 30 October 2018

### Young Scientist Forum: Young Scientist Forum (15:15 - 16:15)

-Conveners: Sarah Heim

time	[id] title	presenter
15:15	[46] Particle Dark Matter constraints: the effect of Galactic uncertainties	BENITO, Maria
15:25	[47] Thermal DM beyond 100 TeV and Cosmic Rays	Mr GOUTTENOIRE, Yann
15:35	[48] Search for dark matter candidates produced in Z(ll) + ETmiss events with the ATLAS detector at the LHC	MCLEAN, Kayla
15:45	[49] Dark sector physics with photons in Belle II	CUNLIFFE, Sam
15:55	[50] Relaxion Dark Matter	MORGANTE, Enrico
16:05	[52] Extended Dark Matter EFT	TENORTH, Valentin

### Young Scientist Forum (18:00 - 19:00)

-Conveners: Katharina Behr

time	[id] title	presenter
18:00	[51] Search for Dark Matter produced in association with a Higgs boson decaying to $b\bar{b}$	Mr GADOW, Philipp
18:10	[53] Search for dark matter produced in association with a Higgs boson decaying to pair of bottom quarks using 79.8 fb <sup>-1</sup> of proton collisions at $\sqrt{s} = 13$ TeV with ATLAS detector	Mrs PORTILLO, Dilia
18:20	[54] Probing the nature of Dark Matter at the ILC	Mr LOCKE, Dane
18:30	[55] Inelastic Dark Matter heating up Neutron Stars	Dr ROBLES, Sandra
18:40	[56] Constraints on light pseudoscalar mediators from B decays and direct detection experiments	Mr ERTAS, Fatih