



# Fundamental physics in the cosmos: The early, the large and the dark Universe

## Wednesday 27 September 2017

**Parallel Session: Cosmology & Astroparticle Physics - Dark Matter - Seminar room 4a (14:00 - 15:42)**

-Conveners: Nayara Fonseca; Valerie Domcke

time	[id] title	presenter
14:00	[15] A new halo independent approach for direct dark matter searches	Mr RAPPELT, Andreas
14:17	[24] Measuring mediator masses with low-threshold direct detection experiments	Dr WILD, Sebastian
14:34	[69] The Sommerfeld Effect at Finite Temperature	Mr BINDER, Tobias
14:51	[72] Early Kinetic Decoupling — a case when the standard thermal dark matter relic density calculation fails	Dr GUSTAFSSON, Michael
15:08	[47] Kinetic decoupling of dark matter: how it affects the relic abundance	KAMADA, Ayuki
15:26	[9] Spectral features from light dark matter decay via gravity portal interactions	INGENHÜTT, Sebastian