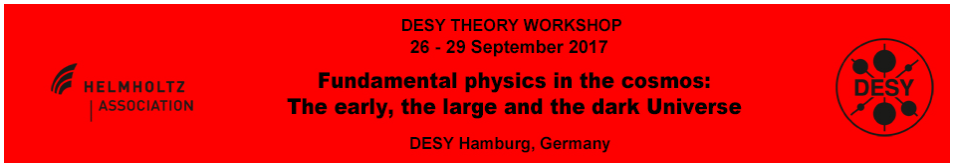

Contribution ID: **77** Type: **not specified**

Can Primordial Black Holes be the Dark Matter?

Thursday 28 September 2017 16:05 (17 minutes)

Since the detection by Advanced LIGO/VIRO of gravitational waves emitted by black holes with masses beyond most expectations, primordial black holes (PBH) have seen a revival of interest as a possible Dark Matter candidate, supported by the coincidence between inferred merging rates by LIGO and the expected rates for PBH abundances comparable to the Dark Matter. I will review the recent and less recent observations that constrain or support the existence of Primordial Black Holes in the mass range [1-100] Msun, as well as the future observational perspectives.

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