

First open meeting of the LHC Dark Matter WG

CERN, Dec 10-11 2015

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- works to improve the set of tools available to the experiments, such as higher-precision calculations of the backgrounds.
- assists theorists with understanding and making use of LHC results.
- develops and maintains close connections with theorists and other experimental particle DM searches (e.g. Direct and Indirect Detection experiments) in order to help verify and constrain particle physics models of astrophysical excesses, to understand how collider searches and non-collider experiments complement one another, and to help build a comprehensive understanding of viable dark matter models.

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- CMS: O. Buchmueller and K. Hahn
- TH: U. Haisch and M. Mangano (LPCC contact)

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The WG organizes open meetings, to:

- present and discuss the latest experimental results
- collect input for the WG studies
- stimulate recommendations concerning theoretical issues
- present for discussion the proposals and results of the WG.

WG web page:

http://cern.ch/LPCC/index.php?page=dm_wg

To subscribe to the mailing list:

<http://cern.ch/simba3/SelfSubscription.aspx?groupName=lhc-dmwg>

The goals of this first open meeting:

- Prepare the recommendations for the Winter 2016 conferences
 - a first proposal for a coherent format in which to present LHC results was prepared by an ad-hoc subgroup, including ATLAS, CMS and theorists: to be discussed here
- Start identifying topics for future activities of the WG