

### 3 ECTS PhD-school: Dark Matter; Distribution, origin, detection and production

Contribution ID: 6

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## Direct searches and searches at the LHC 2

*Tuesday, 27 September 2016 11:30 (1 hour)*

- Introduction to dark matter searches.
- Introduction of direct dark matter detection. World wide efforts.
- The main elements of the expected rate in direct detection experiments (detector response, cross section and halo model) and their uncertainties.

**Presenter:** Prof. GELMINI, Graciela (UCLA)