



Contribution ID: 626

Type: **Parallel talk**

DARK: Outreach activities in the field of gravity and dark matter

Thursday 31 August 2023 15:00 (15 minutes)

DARK is an INFN outreach activity related to gravitation, dark matter and dark energy. Three main activities were performed during the recent years. For high school students we performed since 2020 the Dark Matter Masterclasses, including theory and experimental introduction to dark matter, an exercise based on the DarkSide-50 experiment simulation and theory and an exercise related to the cryogenic distillation, related the Aria project. These MasterClasses are repeated on a yearly basis in various towns in Italy. Also, during the COVID times we performed the online meetings entitled “Nuovi discorsi sui Massimi sistemi”(the title is related to a famous Galileo’s book) related to the confrontation of physics with philosophy in the field of gravity and dark matter and energy. For the general public we also organised last year the first edition of “GravitasFest” in person, which will be repeated on a yearly basis in various town in Italy, a festival where gravity is confronted with philosophy, sociology, art and theatre.

Submitted on behalf of a Collaboration?

Yes

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