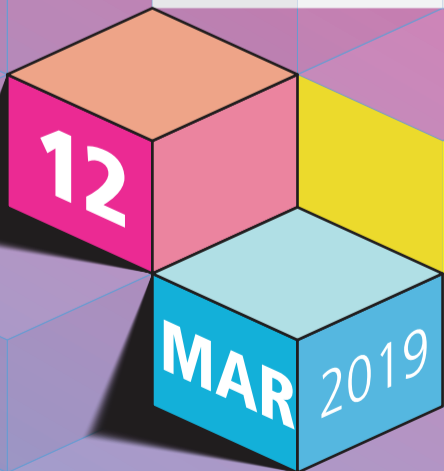
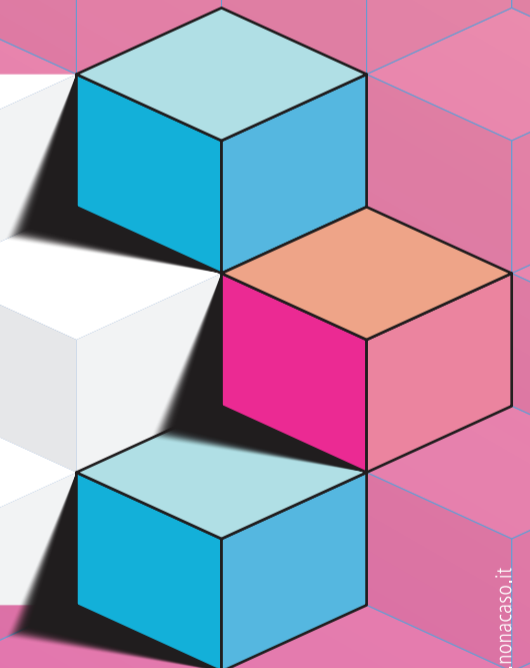


# PHYSICS COLLOQUIA

2018/2019



Experimenters from four different argon dark matter searches have joined their forces to carry out a single, unified program for discovery of dark matter through their direct observation in a zero-background experiment. The next step of the program is the DarkSide-20k experiment at Laboratori Nazionali del Gran Sasso (LNGS). In my talk I will describe the unique features and discovery opportunity of this program.



**Cristiano Galbiati**  
Princeton University, USA e GSSI, L'Aquila, Italia

**The DarkSide program of direct dark matter searches**



UNIVERSITÀ DEGLI STUDI DI MILANO  
DOTTORATO DI RICERCA IN FISICA  
ASTROFISICA E FISICA APPLICATA

Gli incontri si terranno alle **ore 14:30**  
nell'**aula A** del **DIPARTIMENTO DI FISICA**  
via Celoria 16 | 20133 MILANO  
Tel. +39 02 50317740  
<http://phd.fisica.unimi.it> | [phd@fisica.unimi.it](mailto:phd@fisica.unimi.it)