



Contribution ID: 79

Type: **Talk**

## DAMA/LIBRA results and perspectives

*Friday 2 September 2022 09:00 (30 minutes)*

The DAMA/LIBRA-phase2 experiment at Gran Sasso and its results will be presented. The improved experimental configuration with respect to the phase1 allowed a lower software energy threshold. The DAMA/LIBRA-phase2 data confirm a signal that meets all the requirements of the model independent Dark Matter annual modulation signature, at high C.L. The model independent DM annual modulation result is compatible with a wide set of DM candidates. A new configuration of DAMA/LIBRA-phase2 is now running with a further lowered energy threshold. The perspectives will be outlined.

### Is this abstract from experiment?

Yes

### Name of experiment and experimental site

DAMA at Gran Sasso

### Is the speaker for that presentation defined?

Yes

### Details

Speaker: Pierluigi BELLI (INFN Roma Tor Vergata)

### Internet talk

Maybe

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**Presenter:** BELLI, Pierluigi

**Session Classification:** High Energy Particle Physics