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Type: **Invited talk in the parallel session**

The dark matter: DAMA/LIBRA and its perspectives

Tuesday, 6 July 2021 10:00 (30 minutes)

The recent results of DAMA/LIBRA-phase2 experiment deep underground at Gran Sasso are presented. The improved experimental configuration with respect to the phase1 allowed a lower software energy threshold. The DAMA/LIBRA-phase2 data confirm the evidence of 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. Some of them and perspectives will be outlined.

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Session Classification: Dark Matter and Rare Processes

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