



Contribution ID: 74

Type: **Talk**

## Low-mass WIMP searches with EDELWEISS

*Tuesday, July 24, 2018 8:30 AM (25 minutes)*

The EDELWEISS collaboration is performing a direct search for WIMP dark matter in the range from 1 to 20 GeV/c<sup>2</sup> using cryogenic germanium detectors equipped with a full charge and thermal signal readout. We present the most recent results and the currently ongoing program to reduce the experimental thresholds and gain sensitivity for low mass WIMPs, either utilizing the Neganov-Trofimov-Luke effect in the EDELWEISS-LT program, or increasing the discrimination of backgrounds with an improved ionization readout in the MELODI program. New prospects for Axion-Like Particle dark matter searches will also be presented.

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**Session Classification:** 2.1 Plenary Session

**Track Classification:** Direct Detection