

## Status and prospects of the EDELWEISS direct WIMP search

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EDELWEISS is a direct search for WIMP dark matter using cryogenic heat-and-ionization germanium detectors. We report the final results of the second stage of the experiment, EDELWEISS-II, obtained with an array of ten 400 g detectors equipped with interleaved electrodes for the rejection of surface events. Limits on the elastic and inelastic cross-sections of spin-independent interactions of WIMPs were derived from a total exposure of 384 kg.day, obtained following fourteen months of continuous operation at the Laboratoire Souterrain de Modane. We also present the prospects of EDELWEISS-III, which plans to accumulate more than 3000 kg.day of data with 40 new 800 g detectors. All the surfaces of these new detectors are fully covered with interleaved electrodes, resulting in an increase of fiducial mass and of the rejection capabilities.

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