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## The EDELWEISS III Experiment

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EDELWEISS is a direct dark matter search situated in the low radioactivity environment of the Modane Underground Laboratory.

The experiment uses Ge detectors operated at 20 mK in a dilution refrigerator in order to identify eventual rare nuclear recoils induced by elastic scattering of WIMPs from our Galactic halo.

I will describe the current EDELWEISS-III program, including improvements of the background, data-acquisition and the installation of a subset of thirty-six 800-g FID detectors. FID detector background rejection capabilities and performances will be also presented. The FID detector technology is not limited to EDELWEISS-III but can be further employed in the next generation of cryogenic detector experiments.

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