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Recent results from the EDELWEISS-III WIMP search experiment

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The EDELWEISS experiment is dedicated to the direct detection of Dark Matter. The current setup –EDELWEISS-III –aims at exploring a spin-independent WIMP-nucleon cross section down to the 10^{-9}pb range, and extend the coverage for masses below 20 GeV. Since July 2014, the collaboration is taking data with 24 state-of-the-art cryogenic FID800 Germanium detectors installed in the radio pure environment of the Modane underground laboratory - the deepest of its kind in Europe. In this talk I will present the current status of the EDELWEISS-III experiment and show first preliminary results highlighting our new low WIMP mass analysis and the current background budget.

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