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EURECA

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EURECA (European Underground Rare Event Calorimeter Array) is the European tonne-scale, cryogenic dark matter search. It is based on cryogenic technology with powerful event type recognition through phonon-ionisation (EDELWEISS) and phonon-scintillation (CRESST / ROSEBUD) detection. The aim is to explore scalar cross sections down to the $10E-10$ pico-barn region. A major advantage of EURECA is its multi-element dark matter target, a key component for WIMP identification. We report on the current status of the design of the experiment and its future prospects.

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