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Outreach activities with the μ Cosmics air shower detector

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The Physics Laboratory of the Hellenic Open University has constructed a small scale and low cost air shower detector suitable for operation inside the classroom or school laboratory (microCosmics detector). In this work we present some of the educational activities foreseen with the microCosmics air shower detector as well as the planning for the operation of the 1st array of extensive air shower detectors in Greece. The array will consist of 5 autonomous stations deployed at high school buildings in the city of Patras in western Greece and it will be in operation from the autumn of 2019.

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