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The first results obtained with array of 16 electron-neutron detectors in INR RAS

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The novel array for Extensive Air Shower (EAS) study consisting of 16 electron-neutron detectors was constructed in INR RAS in Moscow. The novel technique of simultaneous recording of EAS and background variations was developed and realized using 32-channel FADC produced by CAEN. Pulse shape selection was realized in the software and tested with the neutron source. Detectors calibration was performed. The first results of the measurements are presented.

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