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## Detection of extensive air showers with the NEVOD-EAS array cluster

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In 2015-2016 in MEPhI (Moscow, Russia) on the basis of the Scientific and Educational Center NEVOD the central part of a new cluster type array NEVOD-EAS for the determination of size, arrival direction, axis position of extensive air showers with energies of  $10^{15} - 10^{17}$  eV was created and launched. Central part of the setup includes 4 clusters of scintillation detector stations located around the complex of detectors NEVOD and DECOR at the area of about  $10^{4}$  m<sup>2</sup>. Studies of amplitude and time parameters of cluster response, as well as EAS registration are being conducted. The express analysis of experimental data and monitoring of operating parameters are being performed. The results of studying of the setup operating parameters and analysis of experimental data obtained during continuous series of measurements on the registration of extensive air showers with the central part of NEVOD-EAS are presented.

**Primary author(s) :** Mr. SHULZHENKO, Ivan (National Research Nuclear University MEPhI (Moscow Engineering Physics Institute))

**Co-author(s)**: Mr. BOGDANOV, Aleksei (National Research Nuclear University MEPhI (Moscow Engineering Physics Institute)); Prof. PETRUKHIN, Anatoly (National Research Nuclear University MEPhI (Moscow Engineering Physics Institute)); Prof. CHIAVASSA, Andrea (Universita agli Studi di Torino); Dr. GROMUSHKIN, Dmitry (National Research Nuclear University MEPhI (Moscow Engineering Physics Institute)); Prof. YASHIN, Igor (National Research Nuclear University MEPhI (Moscow Engineering Physics Institute)); Dr. AMELCHAKOV, Mikhail (National Research Nuclear University MEPhI (Moscow Engineering Physics Institute)); Mr. KAMLEV, Nikita (National Research Nuclear University MEPhI (Moscow Engineering Physics Institute)); Mr. LIKIY, Oleg (National Research Nuclear University MEPhI (Moscow Engineering Physics Institute)); Prof. SAAVEDRA SA MARTIN, Oscar (Torino University); Dr. KOKOULIN, Rostislav (National Research Nuclear University MEPhI (Moscow Engineering Physics Institute)); MEPHI (Moscow Engineering Physics Institute)); Dr. KOKOULIN, Rostislav (National Research Nuclear University MEPHI (Moscow Engineering Physics Institute)); Dr. KOKOULIN, Semen (National Research Nuclear University MEPHI (Moscow Engineering Physics Institute)); MEPHI (Moscow Engineering Physics Institute)); Dr. KHOKHLOV, Semen (National Research Nuclear University MEPHI (Moscow Engineering Physics Institute)); MEPHI (Moscow Engineering Physics Institute)); Dr. KHOKHLOV, Semen (National Research Nuclear University MEPHI (Moscow Engineering Physics Institute)); MEPHI (Moscow Engineering Physics Institute)); Dr. KHOKHLOV, Semen (National Research Nuclear University MEPHI (Moscow Engineering Physics Institute)))

**Presenter(s) :** Mr. SHULZHENKO, Ivan (National Research Nuclear University MEPhI (Moscow Engineering Physics Institute))

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