

Progress of EMC software in the PANDA experiment

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The PANDA experiment will be one of the key experiments at the Facility for Antiproton and Ion Research (FAIR) which is under construction and currently being built in Darmstadt, Germany. The EMC software development is in processing in order to achieve good energy and spatial resolution, the capability of an electron hadron separation, and also the feasibility of PANDA physics program. Highlights of digitization, calibration and reconstruction algorithms are presented in the talk. With the updated model of lateral development of electromagnetic shower, the mass resolution of π^0 with high momentum is improved.

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