

XXV International Baldin Seminar on High Energy Physics Problems
"Relativistic Nuclear Physics and Quantum Chromodynamics"



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Relativistic Nuclear Physics & Quantum Chromodynamics
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Wide-gap Resistive Plate Chamber for the trigger system of the TOF MPD test bench.

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Wide-gap Resistive Plate Chamber (RPC) have been actively used in high-energy physics experiments since the early 1980s. In the mass production area of TOF MPD the technology for the production of wide-gap RPCs has been developed. The results of testing the prototype on the cosmic radiation stand are presented. The options for using this detector as an alternative to scintillation counters when organizing a trigger system of a test bench TOF MPD are considered.

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