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Development of L0 trigger for study of AA- collisions in BM@N/Nuclotron and MPD/NICA experiments

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L0 trigger system plays a crucial role in the fast and effective selection of AA- collisions in both fixed target and collider experiments. The concepts of an active target area of the BM@N/Nuclotron experiment and a fast vertex-trigger system developed for the MPD experiment at NICA collider are considered. The requirements to trigger detectors and electronics as well some test results are discussed.

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