

31st International Seminar on Interaction of Neutrons with Nuclei:
Fundamental Interactions & Neutrons, Nuclear Structure, Ultracold
Neutrons, Related Topics (ISINN-31)



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(Withdrawn) Fast-Timing Measurement at CSNS

Tuesday, 27 May 2025 14:50 (15 minutes)

Fast-timing measurement of nuclear excited states using Labr3 detectors has gained a lot of attention in experimental nuclear physics. This is because that the lifetime information is more sensitive to the intrinsic nuclear structure than the level energy. In this talk the speaker will briefly introduce the idea of constructing a fast-timing detector array by LaBr3 detector coupled with digital DAQ system at CSNS and show some preliminary result.

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