

8th Beam Telescopes and Test Beams Workshop



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Timing and synchronisation in HEP

Monday, 27 January 2020 16:45 (45 minutes)

This presentation will give an introduction to the concepts of timing and synchronisation in particle physics experiments. The next generation of (HL-)LHC experiments will require precise timing information to augment the 3D spatial particle measurements in order to resolve interesting collisions from background events. A brief overview will be presented of current HEP experiment timing systems, and of current developments for the near-term future.

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Session Classification: Overview Lectures