

# The Configuration of the STAR Trigger System

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STAR is a  $4\pi$  detector and it has numerous fast detectors able to measure particles traveling in nearly every direction each bunch crossing. The STAR trigger system has the ability to combine this information in a very flexible way to produce nearly any desired trigger. The STAR trigger also incorporates higher level triggers which have access to still more information about the events, including tracking data. Furthermore, the STAR system is capable of running multiple programs, simultaneously handling up to 64 different triggers. This talk will discuss the challenge of configuring the trigger and tracking the results in this complex environment.

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