Contribution ID: **69**   Type: **Poster and Flash talk**

NextGen Trigger WP 2.2: Enhancing the L0 Muon Trigger: Project goals and needs

Monday 23 September 2024 16:49 (3 minutes)

The NGT WP 2.2 aims to improve the robustness of the L0 muon trigger system and include additional trigger strategies for non-pointing signatures from decay of long-lived exotic particles implementing novel trigger strategies in firmware. Here we present the goals of the project, as well as the needs and requirements from available tools such as HLS4ML.

What of the following keywords match your abstract best?

FPGAs

Please tick if you are a PhD student and wish to take part to the poster prize competition!

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Session Classification: Flash talks / poster session