A new high speed, Ultrascale+ based board for the ATLAS jet calorimeter trigger system

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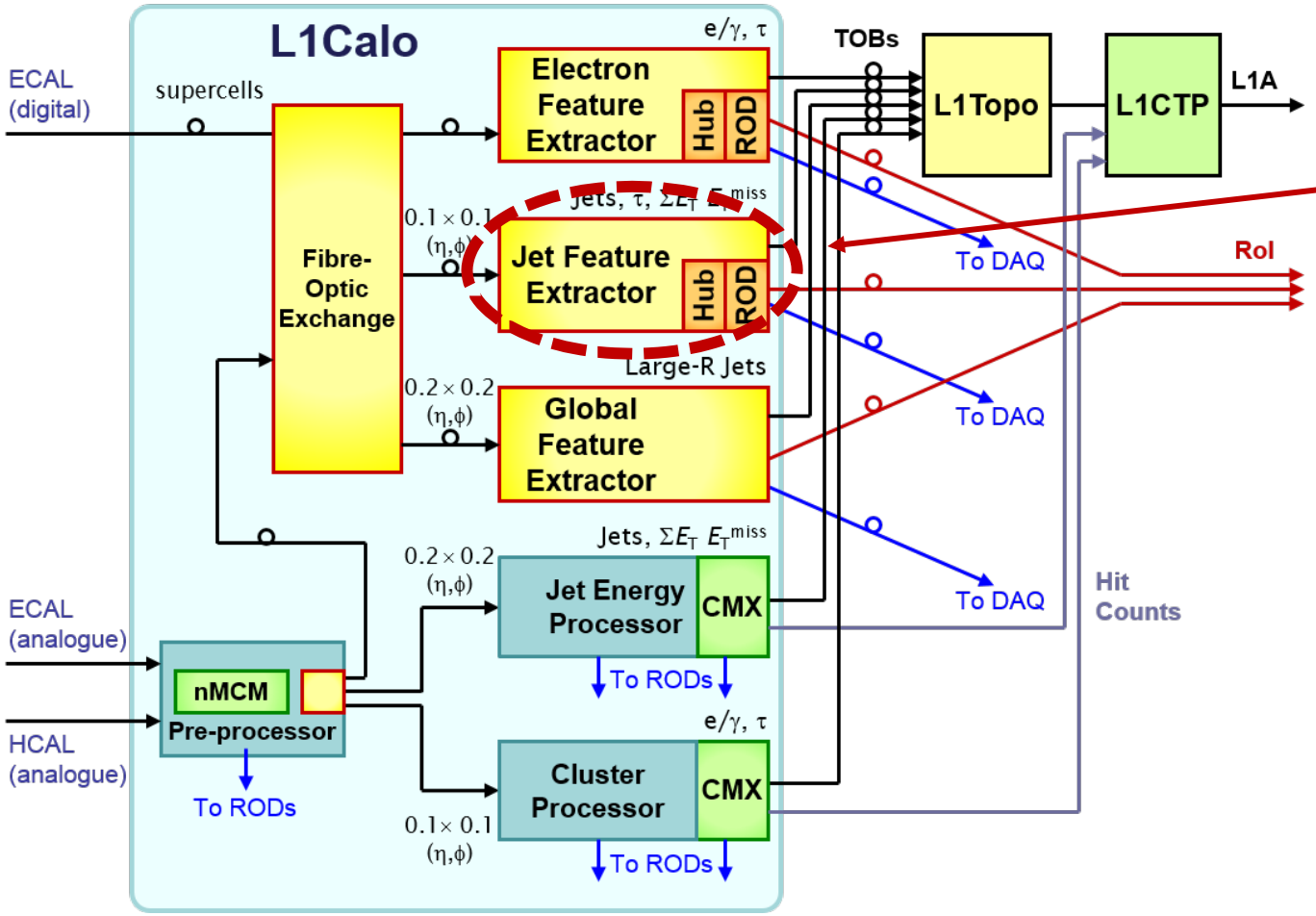
Phase-I ATLAS Level 1 Calorimeter Trigger system



Focus of the poster: jFEX

New hardware

Legacy System

Poster

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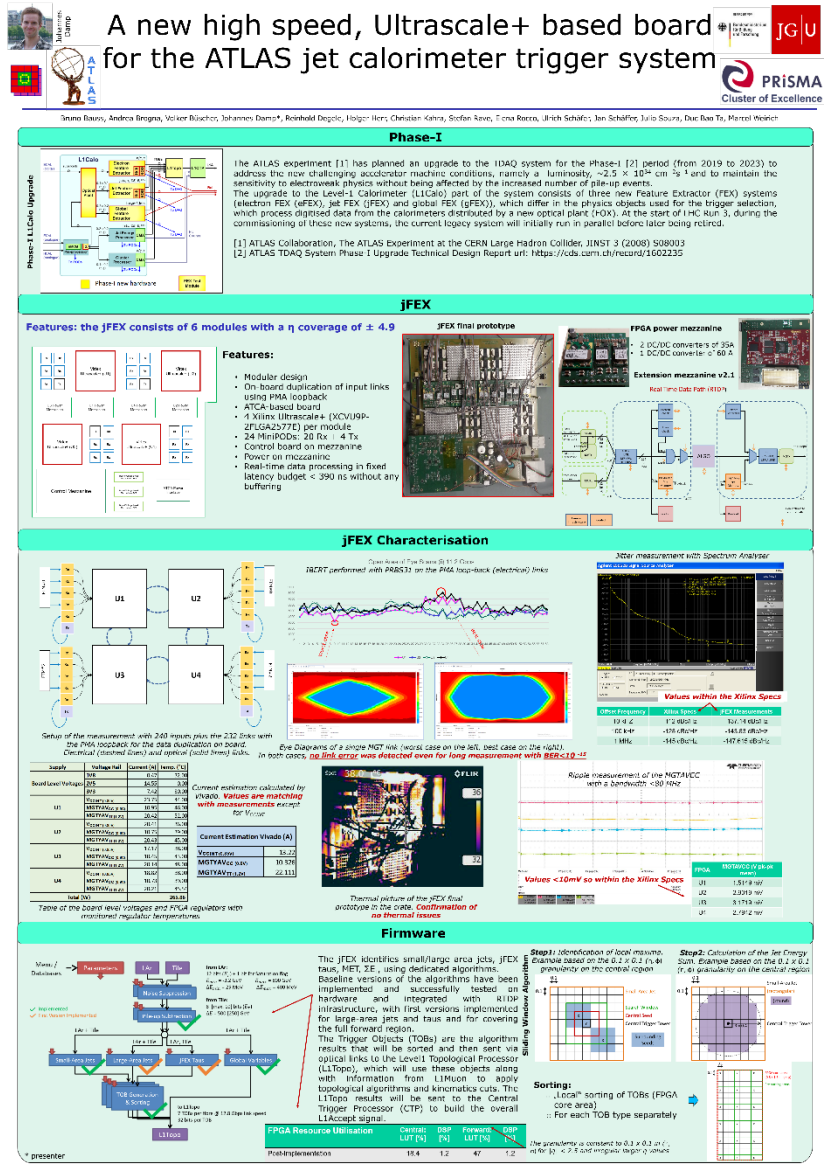
jFEX DESCRIPTION

jFEX FIRMWARE



MOTIVATIONS

TEST RESULTS/ BOARD CHARACTERISATION

The jFEX system will be produced by 2018 and installed and commissioned by start of Run3