EPICS

Contribution ID: **138**   Type: **5-minute lightning talk**

Exploring data acquisition options for distributed timing-synchronized FPGA-generated data

Wednesday, 26 April 2023 15:54 (5 minutes)

In many facilities there is a need to acquire and store distributed timing-synchronized FPGA-generated data for offline data analysis, fault detection and more recently AI/ML applications. While FPGA devices can easily generate and transmit Gpbs worth of data, the task of acquiring, storing and retrieving them are not trivial. This talk, although not answering this question, tries to explore some options of doing that and asking for feedback and collaboration in ways of achieving that.

Please select if talk will be in person or on zoom

In person

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Session Classification: Plenary Session: Lightning Talks

Track Classification: SoC/SoM for Instrumentation