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## Recent DAQ Developments at DESY, FEA

*Wednesday 23 March 2022 11:00 (20 minutes)*

The talk is an overview of new projects in the field of data acquisition systems (DAQ) that have been conducted in the FEA (Digital Electronics) Group at DESY in 2021 and early 2022. A new Zynq UltraScale+ SoC-based platform with 100Gb/s links has been a major project. Observations and issues discovered during the development and prototype testing will be discussed. The second project is a data acquisition system for a digital silicon photomultiplier (dSiPM) using Caribou, a DAQ framework for pixel detector prototyping that has been gaining popularity among the pixel detector community recently. An overview of the Caribou system and its advantages will be shown.

### Summary

### Proceedings

Ich entscheide später

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**Session Classification:** DAQ – Data Acquisition