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Type: **Poster and Speed Talk**

Wake Up and Dance! - A Report on the Progress of the ChimeraTK Framework

Friday 5 July 2024 10:00 (3 minutes)

This poster reports on the improvements in the ChimeraTK frameworks since last year's ARD ST3 workshop.

We will present the new Tango support feature, which completes the set of mainstream control system middleware supported by ApplicationCore-based device servers.

Integrating our software stack into the Yocto embedded Linux ecosystem enables us to run directly on SoCs with current and future FPGAs.

Vastly improved support for hardware interrupts has been introduced, which enhances synchronisation of data acquisition and slow control loops with machine and event triggers.

Summary

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