

Field experience with high channel count WR systems

Saturday 8 October 2022 17:30 (30 minutes)

D-TACQ Solutions provides high channel count data acquisition systems to “Big Physics”. Over 20 years, we’ve concentrated on the Y axis, while developing various schemes to ensure T axis synchronization both in-crate and out of crate. Porting the White Rabbit core to our existing platform solved the synchronization problem and allowed us to deliver a large “distributed oscilloscope” application. Since then, “White Rabbit On Board” has allowed our business to branch out into new applications. The talk focuses on how WR helped us, some technical and institutional workarounds that allowed us to succeed, and where the availability of distributed precision timing is taking future development.