

High bandwidth commercial digitizer for hostile Environment (HAMLET)

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Development of a commercial, high resolution data acquisition system, qualified for hostile environments and easily interfaced with a wide range of sensors»

- *We started from the project of the 20-channel digitizer developed as part of the electromagnetic calorimeter project of the Mu2e experiment at Fermilab and modified it*
 - *Substituted custom CERN components with commercial ones*
 - *Qualified the full system for radiation*
 - *Designed a proof-of-concept application: CsI crystal and SiPM matrix readout through Music chip*

