



#119 – Poster F12

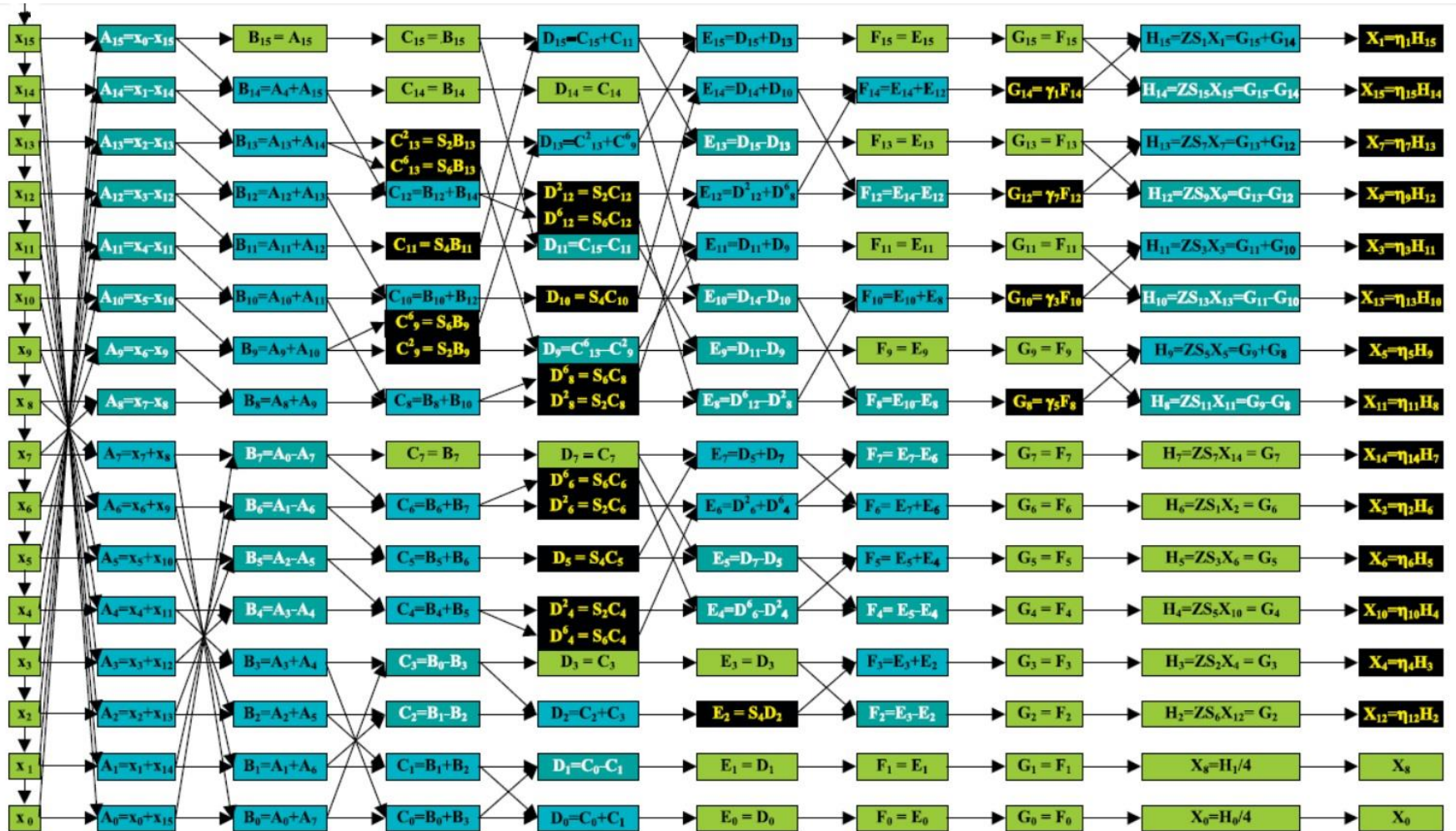
DCT trigger in a high-resolution test platform for a detection of very inclined showers in the Pierre Auger surface detectors

Zbigniew Szadkowski IEEE Member

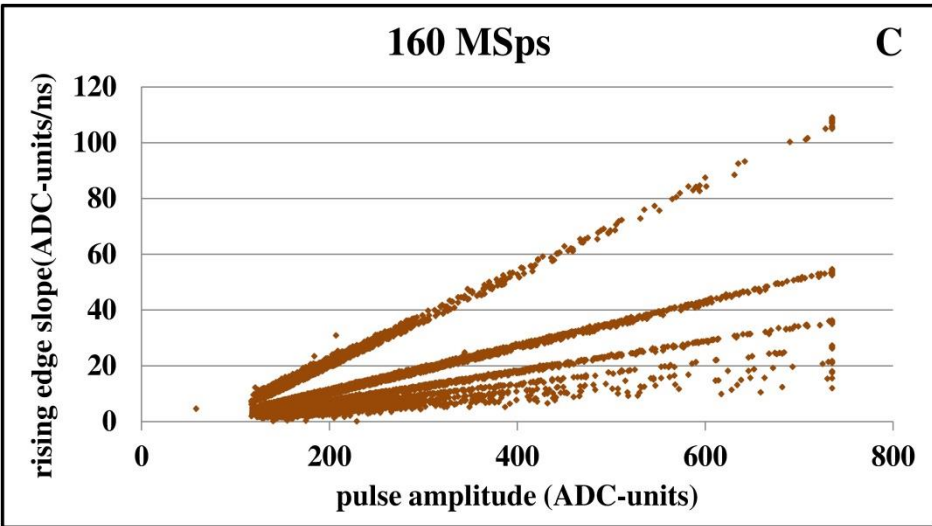
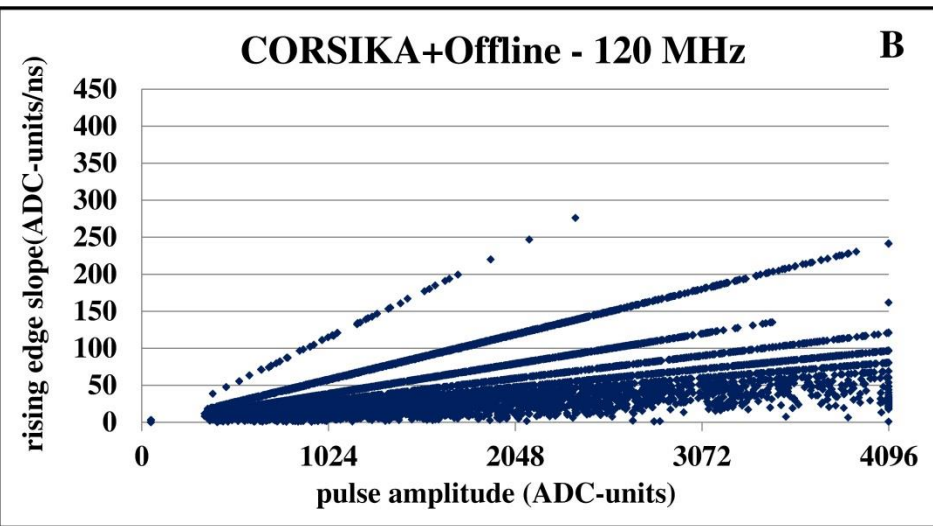
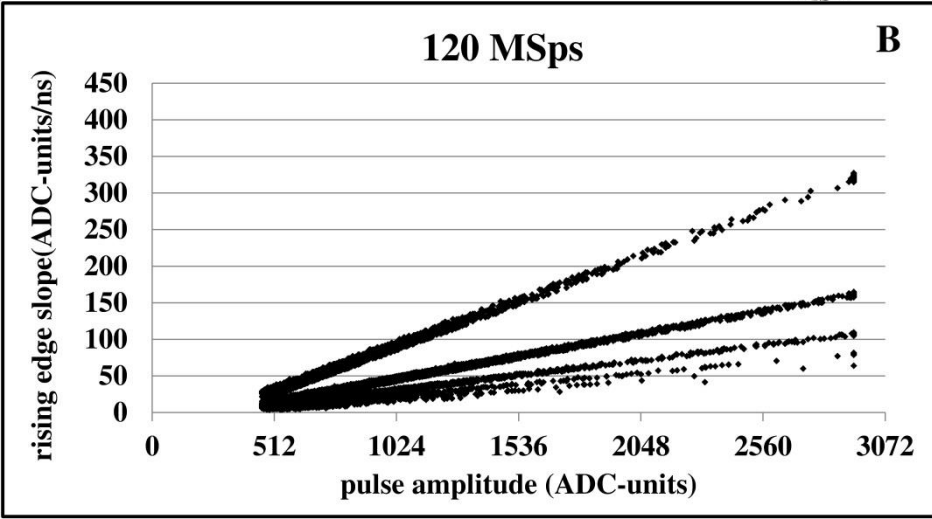
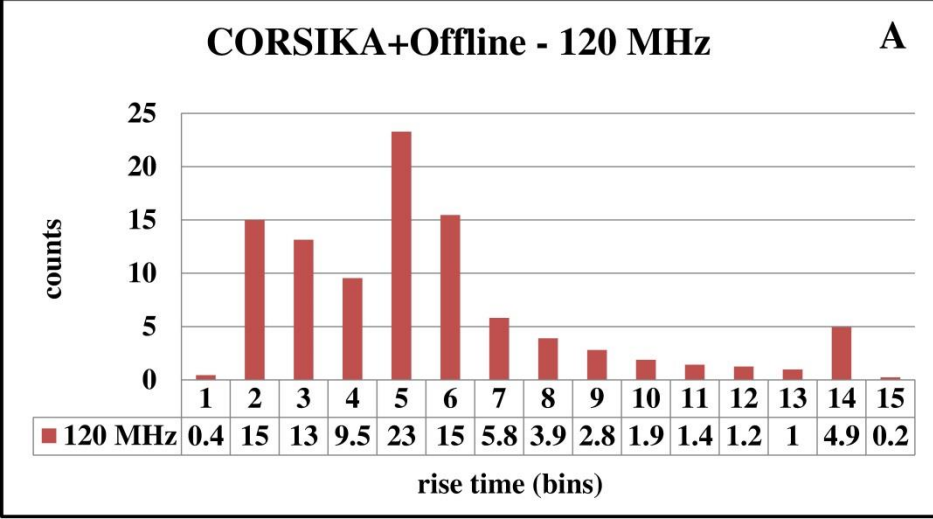
University of Łódź

IEEE Real Time Conference, Padova, Italy, June 2016

DCT engine based on AAN



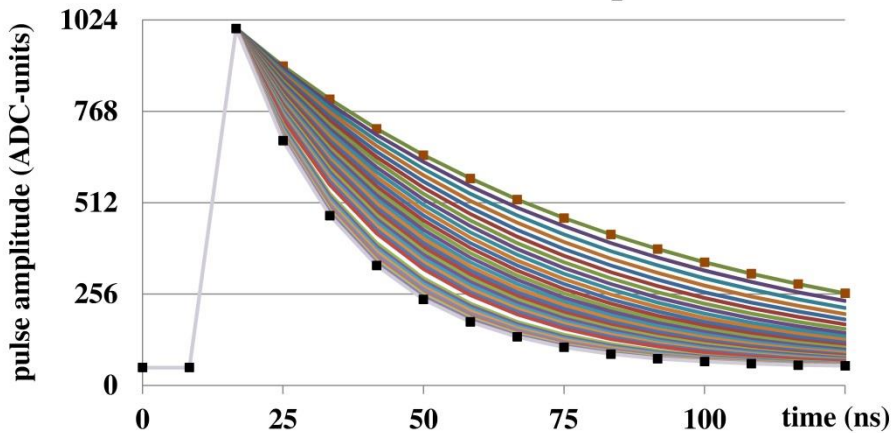
Simulation + measurements



Acceptance lanes

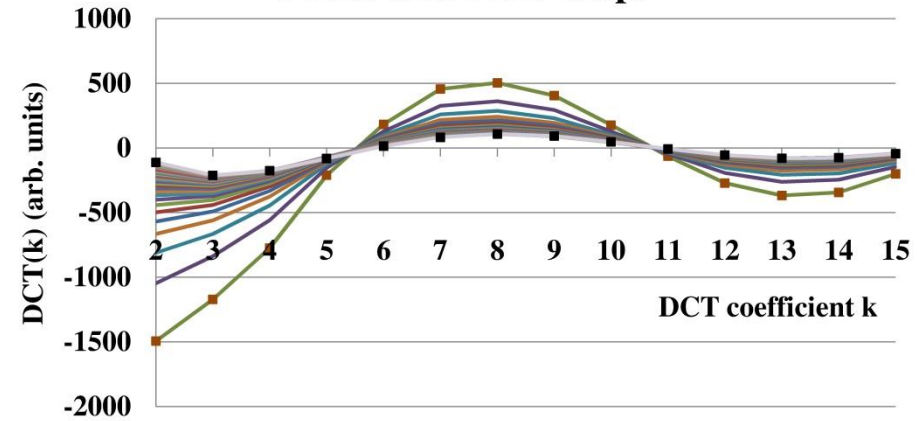
2 time-bins : 120 MSps

A



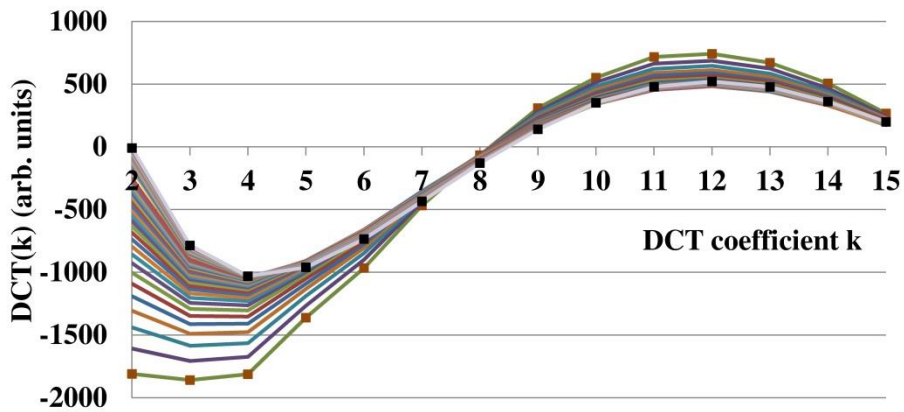
3 time bins : 120 MSps

B

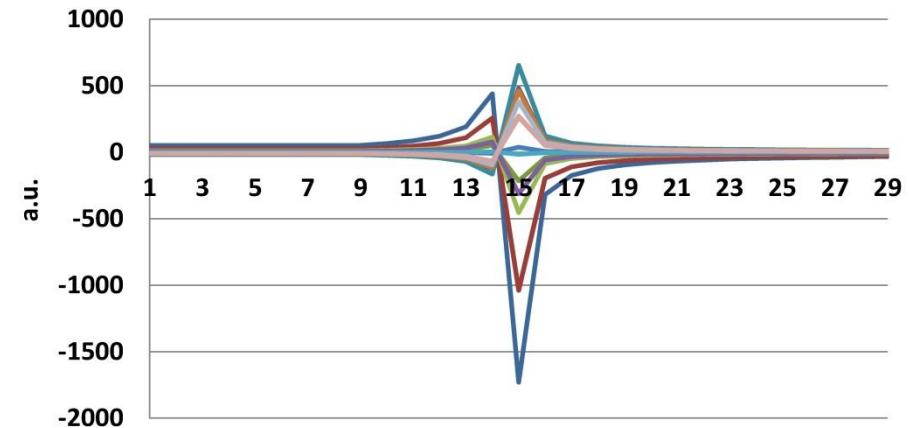


2 time bins : 120 MSps

A



4 time-bins : 120 MSps



DCT contributions

