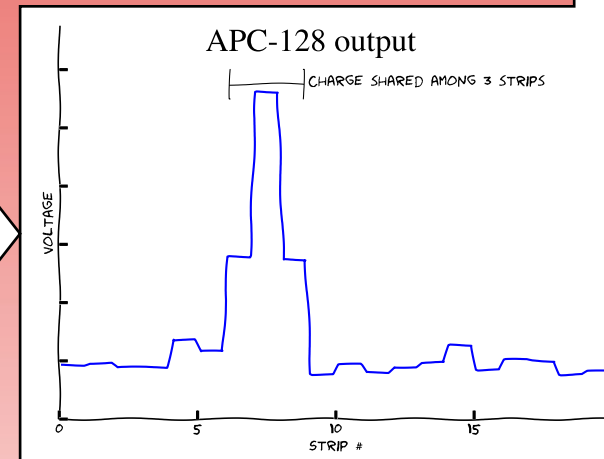
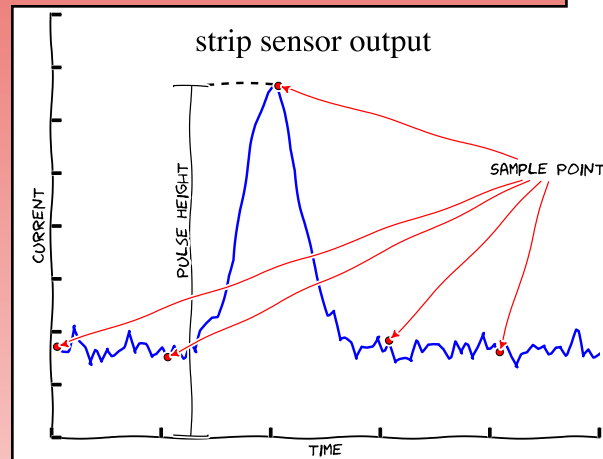


In-Beam Electronics



FPGA DAQ Board

Digitized pulse-height values



Hit Detection

HIT_START
SENSOR: 6
STRIP: 7
PULSE_HEIGHT: 50
STRIP: 8
PULSE_HEIGHT: 115
STRIP: 9
PULSE_HEIGHT: 59
HIT_END

Event Construction

EVENT_START
TIMESTAMP: 123453234.12345
SENSOR_1_POSITION: 1.254 mm
SENSOR_2_POSITION: 6.231 mm
...
SENSOR_8_POSITION: 1.25 mm
EVENT_END

Desktop PC

Offline Analysis

- track reconstruction
- alignment

