

## **Digital processing system for a one-dimensional position-sensitive detector based on a $^3\text{He}$ resistive tube using an open FPGA digitizer**

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The paper presents the main stages of creating a data acquisition system from a gas one-dimensional position-sensitive detector with a resistive anode wire based on the SciCompiler, and also gives a brief overview of the SciCompiler software package and the DT5560SE digitizer from CAEN.

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