

# IEEE NPSS School of Application of Radiation Instrumentation Dakar -Senegal



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## Complementary Lecture #3 Waveform Digitizing

*Monday 21 November 2022 09:30 (45 minutes)*

This advanced lecture will explain the techniques used to digitize signals from detectors with ultra-high speed. It elaborates on the consequences of limited digitization speed and introduces switched-capacitor-array chips to overcome the limitations. It finishes with examples of how to process, store and analyze recorded waveforms.

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