

IEEE NPSS School of Application of Radiation Instrumentation Dakar -Senegal



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Signal levels and bus standards-past, present and future

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This Lecture will first give an overview in a physics experiment, where a standardization is a must. Then Details go to standard for signal levels commonly used in the physics experiments. Standards in instrumentation, especially those common used BUS standard like NIM, CAMAC,VME will be introduced also in depth, and finally the new standard: xTCA for Physics, including AMC, ATCA, MTCA will be prospected with some experiments as examples.

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