

Readout Paper Outline

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Readout paper outline (1)

- 1) Belle II as an upgrade to Belle, key physics benchmarks
- 2) Geometry of iTOP, scheme of the readout, signal propagation and detection by PMTs
- 3) Front-end module, board stack
- 4) Functionality of front boards and HV dividers
- 5) IRSX specs
- 6) Functionality of carriers
- 7) Functionality of SCRODs, scheme of firmware

Readout paper outline (2)

- 8) Needed supply of boards, production output
- 9) Carrier standalone testing, no description of equipment, just nature of tests and signals, top resolution
- 10) Laser board stack testing, no description of NIM and CAMAC DAQ, just nature of tests and signals, top resolution
- 12) Interface with the back-end COPPER
- 13) Integration, mentioning (not analysis) consistency of top measured in the lab vs. top measured at installed modules

Additions?? Discussion on designs of carriers and SCR

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Publication journal

either

Nuclear Instruments and Methods

or

IEEE Transactions of Nuclear Sciences

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