2D scans of the flat pannel PMT

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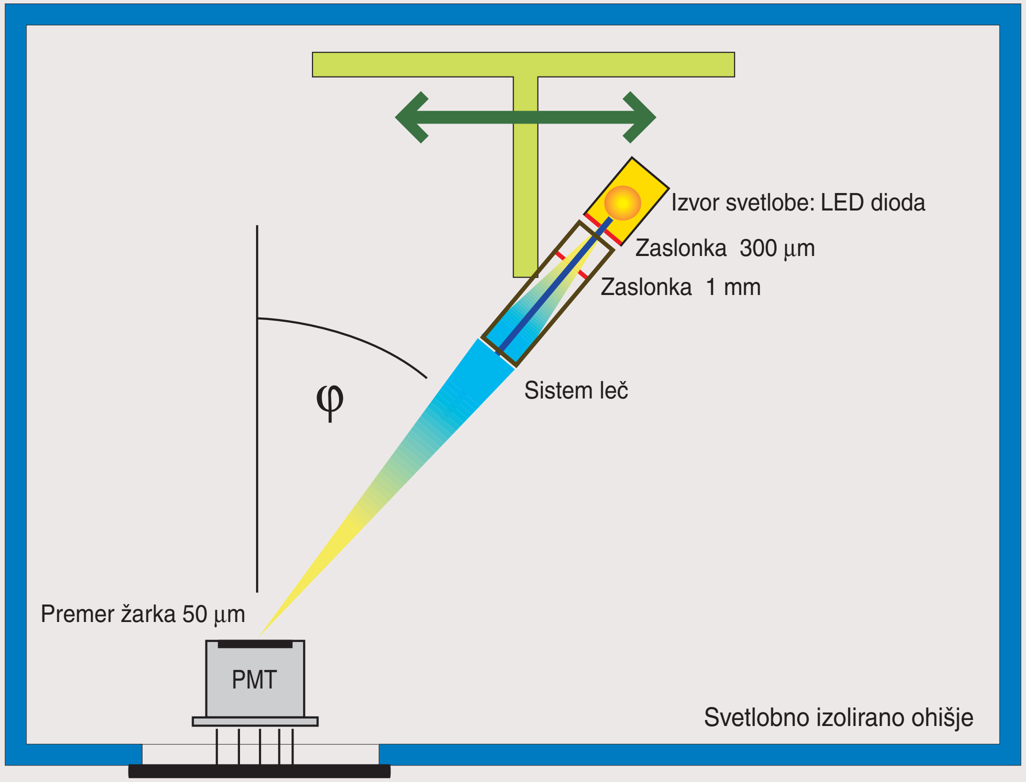
PID Upgrade Session, BGM

- apparatus, status
- first tests (signal shapes, ADC spectra), results
- plans

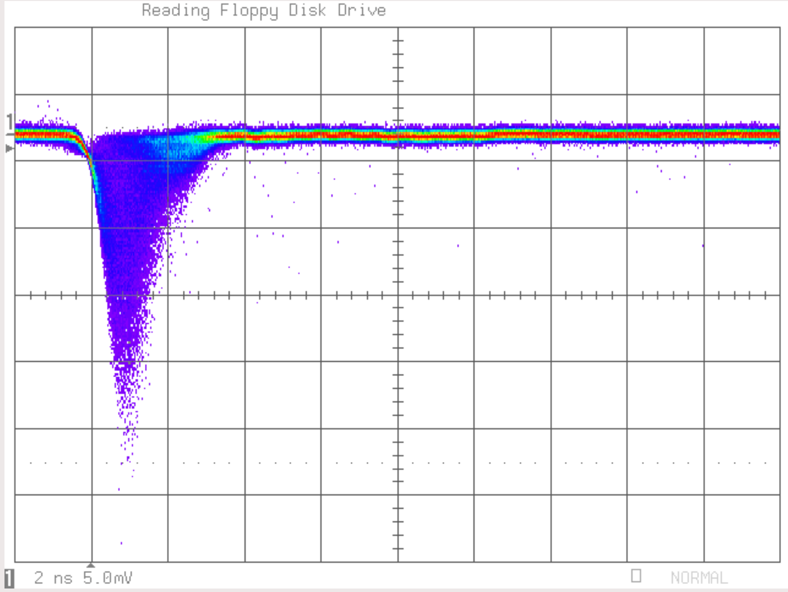
Apparatus

The same apparatus will be employed as was used for scanning the Hamamatsu R5900-M16 PMTs (Ilija's diploma)

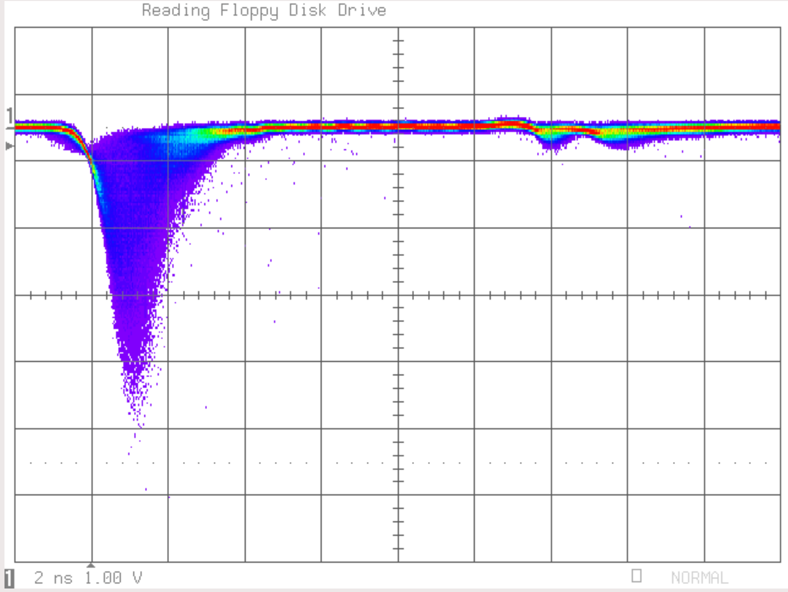


Pulses

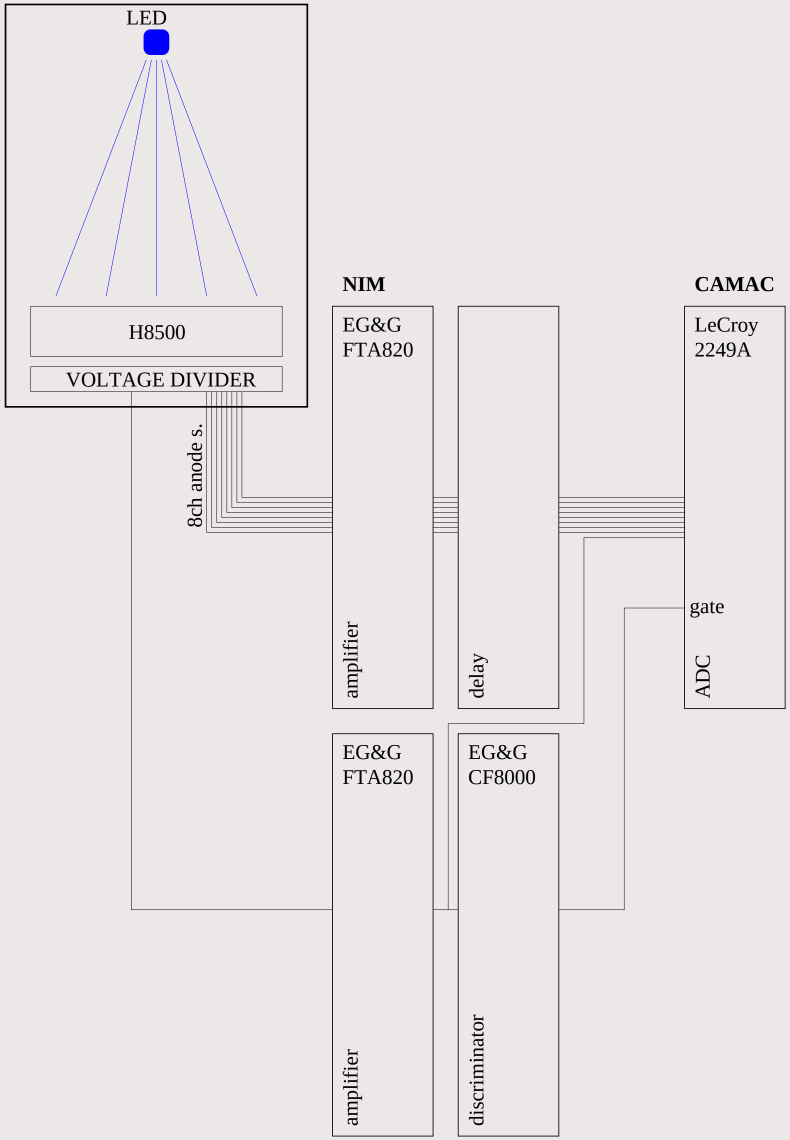
signals, not amplified



signals, amplified

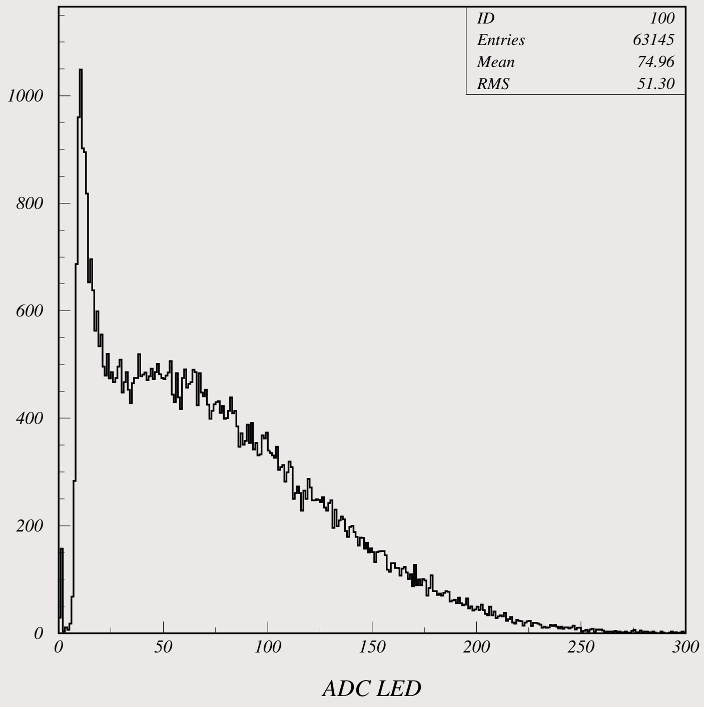


Measurement of ADC spectra - set-up

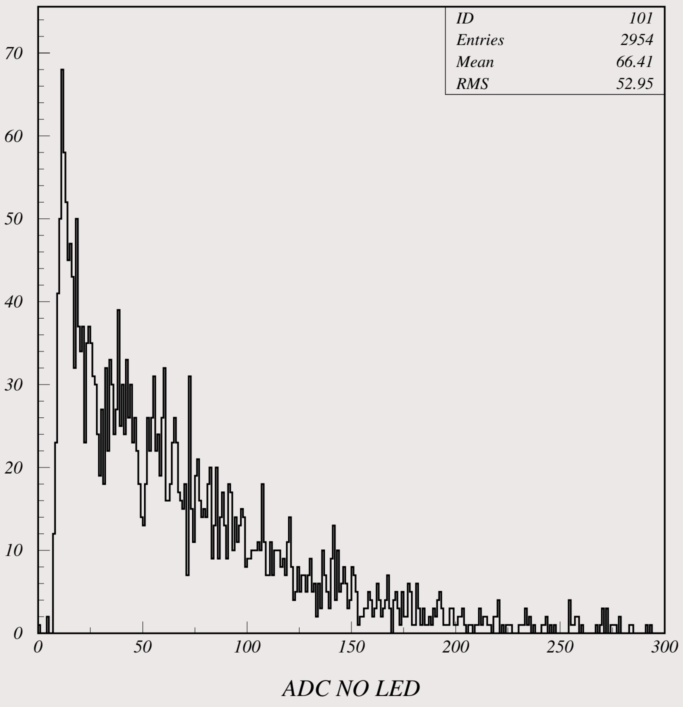


ADC spectra

light source on



light source off



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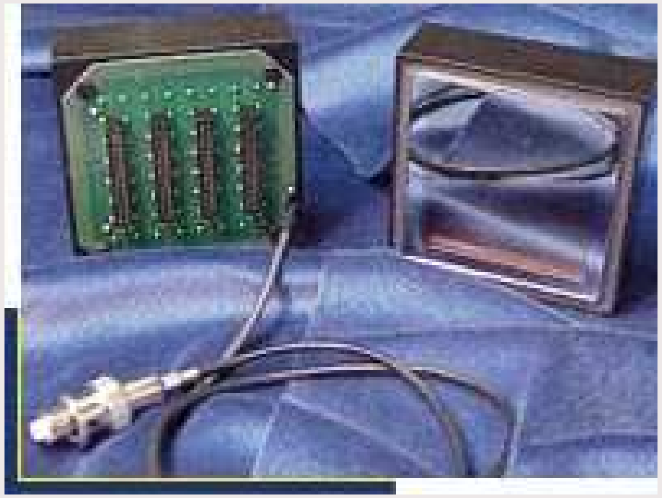
Plans

- First carry out the 2D scan of the flat pannel PMT
- Prepare connectors and mounting for the Burle MCP PM (ordered, waiting for delivery)
- Repeat all the tests (ADC spectra, cross talk, noise, 2D scan) on the MCP PMT



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