

Introduction master project

Bram Schermer



Who am I?

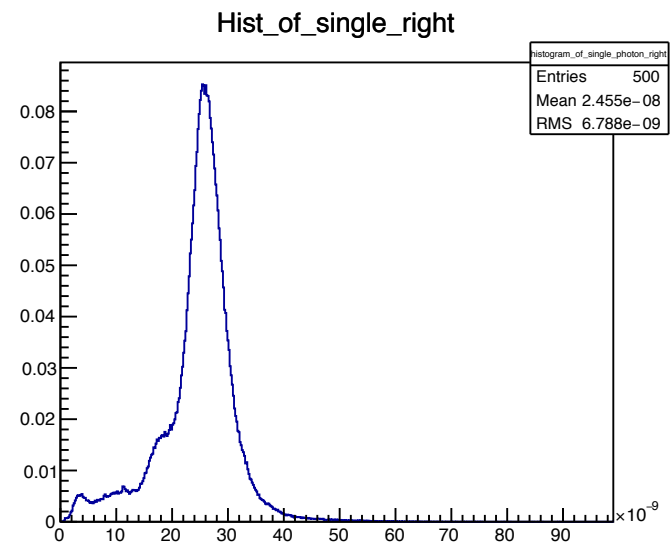
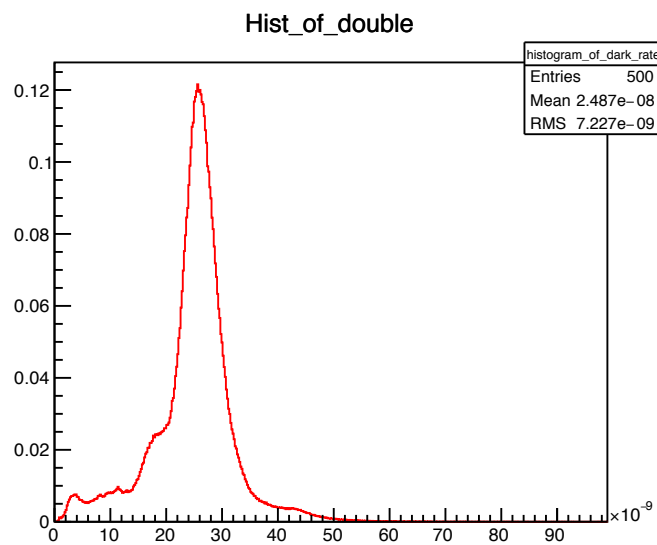
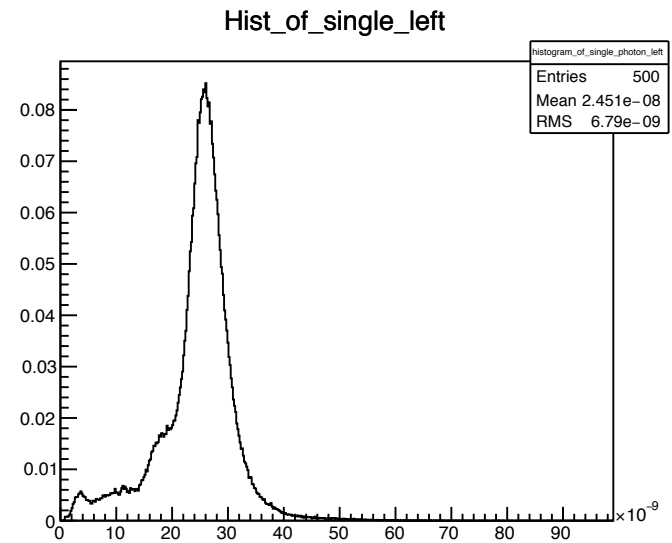
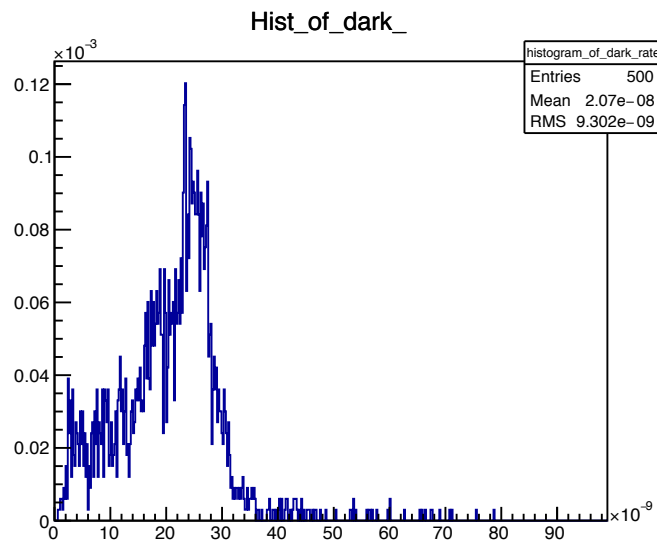
- 22 years old
- UvA
 - Bachelor Project at XAMS
 - GRAPPA Particle track



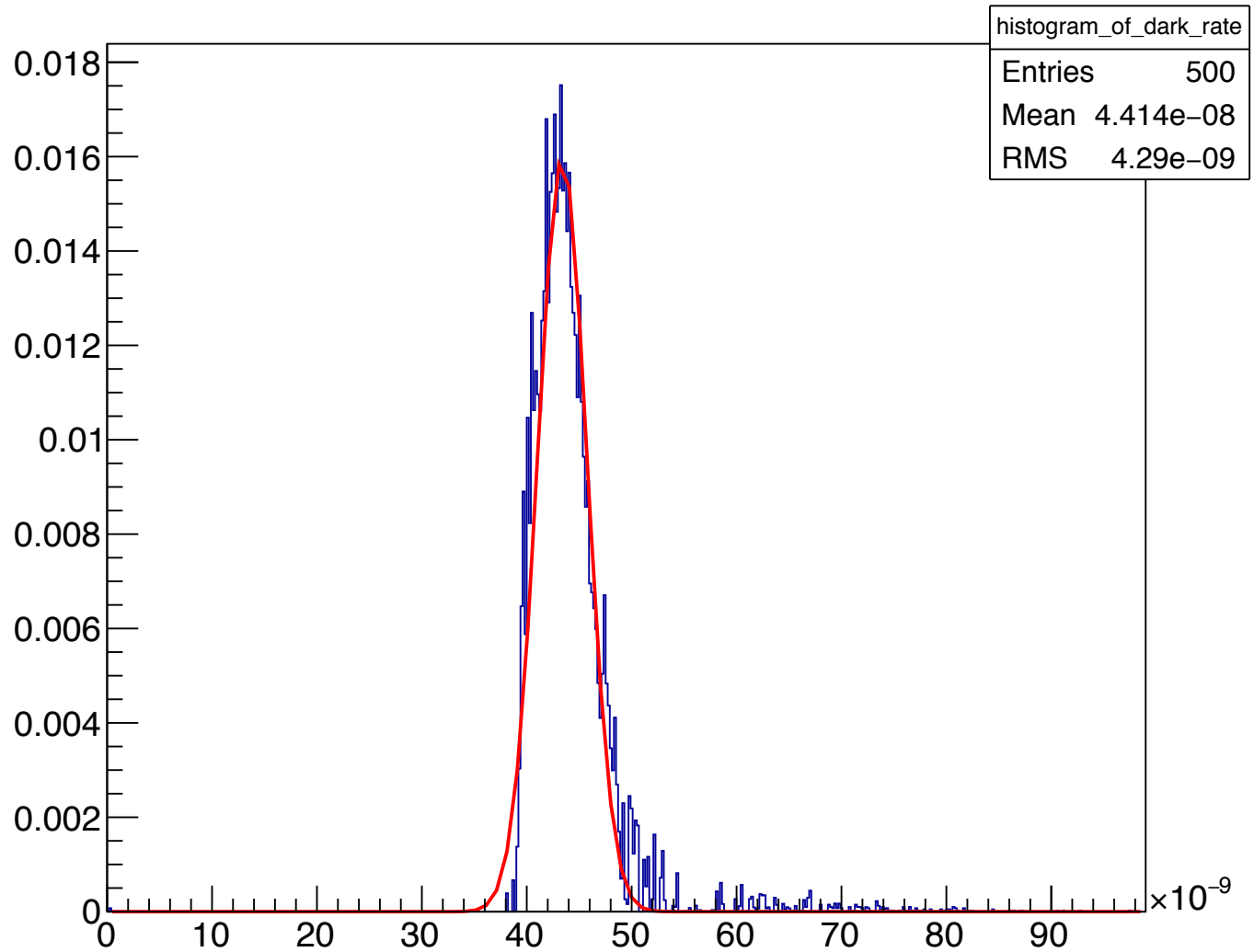
What will I be working on?

- Setup downstairs in the N building
 - PMT in light tight box and two photon sources
- Characterize PMT of the ToT
 - Process of the photon signal
- Multi photon events with few nanosecond interval





Hist_of_extracted



Goals

- Short term
 - Better understanding of the setup
 - Setup characteristic measurements
- Long term
 - Comparing measurements with current model
 - If needed improve current model

