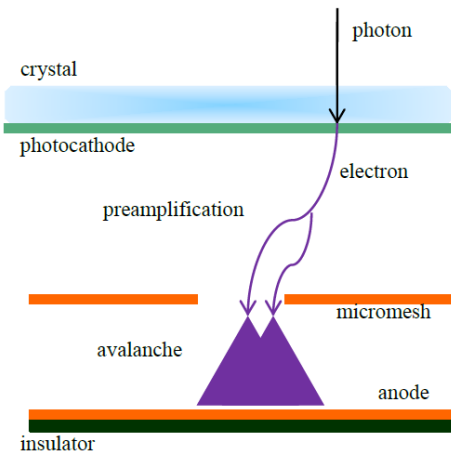


# PICOSEC

RD51 2018 test beam

## Precise Timing with mm



## MEASUREMENTS

*Resistive (complete previous year measurement)*

*Multichannel (complete previous year measurement)*

*New PC (diamond, DLC, metals,..)*

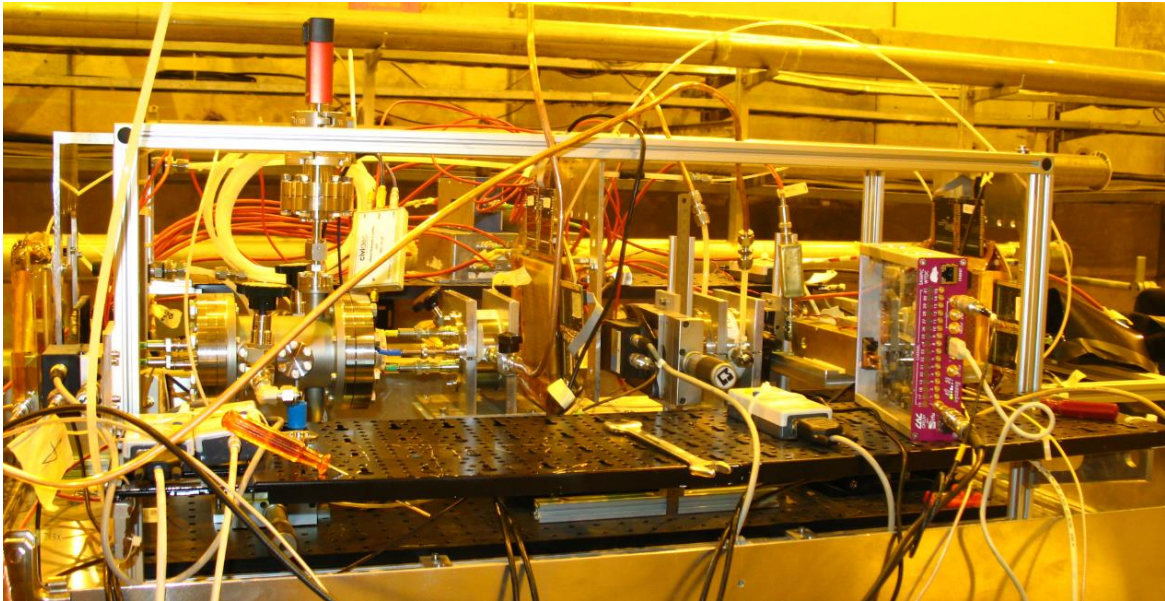
*CsI protection (? – maybe not in time/lab test)*

*Radiator Matrix*

*Electronics (new FE, embedded FE, digitizers,..)*

## BEAM CONDITION:

*Mostly muons @ high rate*



## PERIODS:

*Potentially all  
(strongly dependent on  
new things to test and  
achieved results)*

Triggering(scintillators), Timing(MCP-PMT) and tracking(TripleGEM+SRS) station  
Flammable (NeCF<sub>4</sub>C<sub>2</sub>H<sub>6</sub> 80-10-10)