

WP 4.2

Vacuum Photo-Detectors: MCP, LAPPD, PMT, NCP,...

4.2.1: VPD: New material, new coatings, longevity and rate capability study.

This concerns the R&D on new materials to produce VPD, new shapes and new coatings and their consequences on their longevity and rate capability

4.2.2: VPD-PMT: New photocathode materials, structure and high quantum efficiency VPD

New photocathode materials, new structures and their impact on improving the quantum efficiency for different wave lengths

4.2.3: VPD time and spatial resolution performance

Study of VPD timing and spatial performance using appropriate readout electronics and appropriate anode structures