

Session Program

24-28 May 2021

TIPP 2021

Sensors: Photo-detectors

Wednesday 26 May

05:30

Sensors: Photo-detectors: Thursday Early

Session | Location: | Conveners: A. Nepomuk Otte, Eliza Gazda

05:30–05:48

Mass production and characterization of 3-inch PMTs for the JUNO experiment

Speaker

Diru Wu

05:48–06:06

The R&D of the Ultra Fast MCP-PMTs for High Energy Physics

Speaker

Sen Qian

06:06–06:24

Development of a hybrid single-photon imaging detector with embedded CMOS pixelated anode

Speaker

Massimiliano Fiorini

06:24–06:42

Employment of nanodiamond photocathodes on MPGD-based HEP detector at the future EIC

Speaker

Triloki Triloki

06:42–07:00

The COMPASS RICH-1 MPGD based photon detector performance

Speaker

Daniele D'Ago

07:00

07:30

Sensors: Photo-detectors: Thursday Middle

Session | Location: | Conveners: Samo Korpar, Oscar Romero Matamala

07:30–07:48

Introducing the Dichroicon, a Spectral Photon Sorter

Speaker

SAMUEL NAUGLE

07:48–08:06

Latest Technological Advances with Microchannel-Plate PMTs

Speaker

Albert Lehmann

08:06–08:24

Recent progress on development of MCP-PMT at Argonne National Laboratory

Speaker

Junqi Xie

08:24–08:42

Surface passivation of single photon avalanche diodes for enhanced sensitivity in the vacuum ultraviolet range for liquid noble gas experiments

	<p>Speaker Frédéric Vachon</p>
<p>09:00</p>	<p>08:42-09:00 Development of (V)UV-Sensitive GaN Geiger-Mode Photodiodes</p> <p>Speaker A. Nepomuk Otte</p>
<p>09:30</p>	<p>Sensors: Photo-detectors: Thursday Late Session Location: Conveners: Elena Popova, Darya Selivanova</p> <p>09:30-09:48 Fully Integrated CMOS SPAD Array Sensor for Optical Fibre Readout</p> <p>Speaker Peter Fischer</p> <p>09:48-10:06 External Cross-talk characterization from dark avalanches</p> <p>Speaker Joe McLaughlin</p> <p>10:06-10:24 Cryogenic detector system for background-free Muonium observation at temperatures below 200 mK</p> <p>Speaker Jesse Zhang</p> <p>10:24-10:42 Performances of the SiPMs operated at low temperature for the JUNO - TAO detector</p> <p>Speaker Dr Simone Sanfilippo</p> <p>10:42-11:00 Light detection with SiPMs for the nEXO experiment</p> <p>Speaker Giacomo Gallina</p> <p>11:00</p>