Contribution ID: **207** Type: **Poster report**

Delayed emission of electrons in a photomultiplier.

Friday, 24 September 2021 18:45 (5 minutes)

Using an autocorrelation delayed coincidence spectrometer [1], two types of time correlation of noise pulses associated with the photocathode and photomultiplier dynodes have been established. The time distributions of pulses from noise and external light sources in photomultiplier tubes XP2020, XP2232B, XP1021, FEU-85, FEU-87, FEU-93, FEU-130, R7600U-200 have been studied. For some types of photomultipliers, the presence of an exponential time component in the nanosecond range has been established

Primary author: MOROZOV, Vladimir (JINR)

Presenter: Dr МОРОЗОВА, Наталья (ОИЯИ)

Session Classification: Poster session

Track Classification: Section 3. Modern nuclear physics methods and technologies.