Contribution ID : **464** Type : **Plenary/section talk**

A quasi-monochromatic electron beam of ”PAHRA” accelerator for calibration of detectors

Tuesday, 23 October 2018 10:00 (15)

The characteristics of the calibration quasi-monochromatic beam of secondary electrons of the accelerator S-25R “PAHRA” of the P. N. Lebedev Physics Institute of Russian Academy of Sciences based on the magnet SP-57 are presented. The energy resolution of the beam from a copper converter in the thickness range of 0.1 - 5 mm and the interpolar gap of the magnet 6 cm in the energy range of the electron beam E = 98 - 294 MeV amounted to δ = 10 - 4.5 %, respectively.

Primary author(s) : Dr. BASKOV, Vladimir (Lebedev Physical Institute RAS)

Presenter(s) : Dr. BASKOV, Vladimir (Lebedev Physical Institute RAS)

Session Classification : Facilities and Advanced Detector Technologies

Track Classification : Facilities and advanced detector technologies