Workshop for development and applications of fast-timing semiconductor devices

8th Dec 2018

@ University of Tsukuba, Tokyo Campus (Otsuka) Room 117/119

Registration: https://indico.cern.ch/e/LGADatUTsukuba Send e-mail to <u>hara@hep.px.tsukuba.ac.jp</u> for presentation

Since the several successful operation demonstrations of low-gain avalanche detectors (LGAD), we are in a stage of further investigation on development and application possibilities using such fast-timing, ca. 30 ps, semiconductor devices which should realise a superior position resolution of O(10microns) at the same time. The workshop is organised to summarise the LGAD development status and to discuss further R&D activities <u>Organizing members</u> Kazuhiko Hara (U. Tsukuba) Yoshinobu Unno (KEK) Koji Nakamura (KEK)

