Nanae Taniguchi

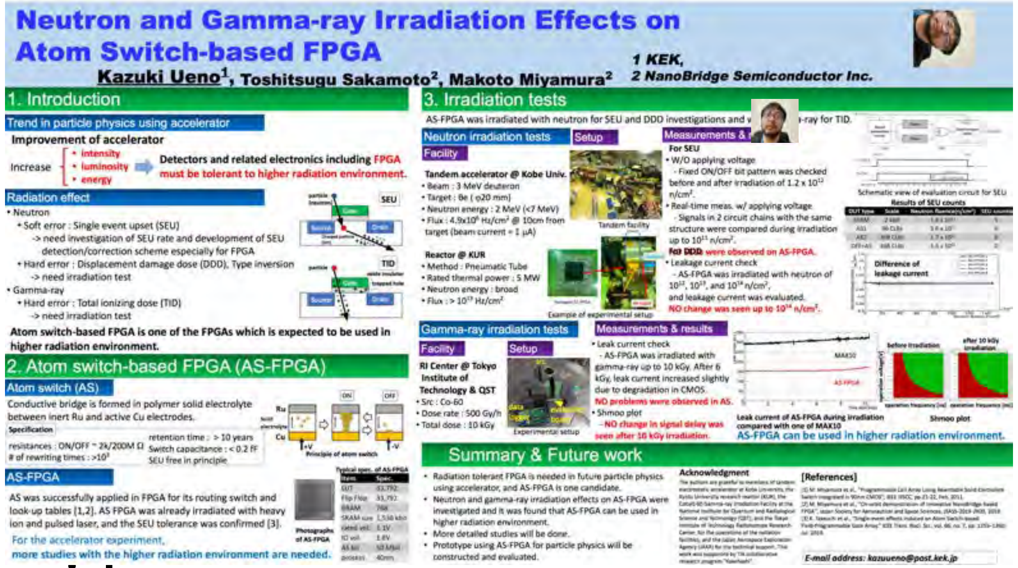
Radiation hardness and high rate tolerance new device and applications

K.Ueno(KEK IPNS) electronics expert will join.

radiation hardness of electric devices is challenge for high energy physics experiments

- Achieve practical use of new device

  new FPGA with atomic switch technology
  - promising radiation hardness
  - R&D for application to practical use in higher energy experiments is about to start
  - development tools for users is desired
  - implementation of high speed optical link in near future



Kazuki Ueno, IEEE 2021

- Create new application by combining existing ideas