



Contribution ID: 90

Type: **Poster without speed talk**

Time-Resolved Energy Spread Studies at KARA

We present time-resolved measurements of the energy spread in KARA. The measurements were performed, utilizing a high speed line camera to measure the horizontal bunch size in a dispersive section on a turn-by-turn basis.

Due to the newly developed Ti_LGAD sensor we were able to resolve bunch charges down to $\sim 2\text{pC}$.

Speed Talks

Normal

Primary authors: GOFFING, Christian (KIT); STEINMANN, Johannes (Karlsruhe Institute of Technology (KIT), IBPT)

Co-authors: MUELLER, Anke-Susanne (KIT); Dr BRUENDERMAN, Erik (KIT); NIEHUES, Gudrun (KIT); NOLL, Marvin (KIT); PATIL, Meghana Mahaveer (KIT); CASELLE, Michele (KIT)

Presenter: STEINMANN, Johannes (Karlsruhe Institute of Technology (KIT), IBPT)

Session Classification: Poster session

Track Classification: Accelerator Research and Development