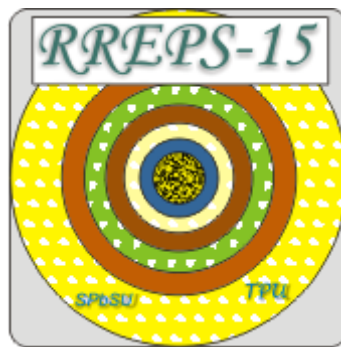


Session Program

6-12 Sept 2015



Radiation from Relativistic Electrons in Periodic Structures "RREPS-15"

8. Workshop on THz radiation generation

Friday 11 September

09:30

8. Workshop on THz radiation generation

Session | Convener: Alexei Kanareykin

09:30–10:00 Progress Towards Compact Pre-bunched FEL Realization

Speaker

Dr Alexander Aryshev

10:00–10:15

Terahertz Source Utilizing Resonant Coherent Diffraction Radiation at KEK ERL Test Accelerator

Speaker

Yosuke Honda

10:15–10:30 Coherent Radiation Measurements Stations at KEK LUCX Facility

Speaker

Mikhail Shevelev

10:30–10:45

Generation of THz Smith-Purcell radiation on femtosecond electron beam

Speaker

Konstantin Lekomtsev

10:45–11:00 Micro-Bunch Instabilities as a Source of Coherent THz Radiation

Speaker

Aiveen Finn

11:00

11:20

8. Workshop on THz radiation generation: (continue)

Session

11:20–11:35

PiC Code KARAT Simulation of the Narrow-Band Super-Radiant THz Smith-Purcell Radiation Generation

Speaker

Leonid Sukhikh

11:35–11:50 Corrugated capillary as THz Cherenkov Smith-Purcell radiator

Speaker

Konstantin Lekomtsev

11:50–12:05

The Source of THz Radiation Based on Dielectric Waveguide Excited by Sequence of Electron Bunches

Speaker

Alexandr Altmarm

12:05-12:20

Electron Bunch Length Diagnostics for the LUCX Facility based on the Coherent Off-axis Undulator Radiation

Speaker

Dmitry Shkitov

12:35