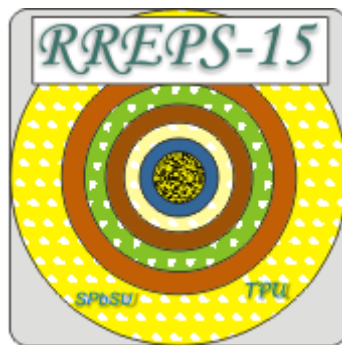


Session Program

6-12 Sept 2015



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

2. Transition Radiation

Tuesday 8 September

15:00

2. Transition Radiation

Session | Convener: Xavier Artru

15:00–15:30

Project of the superposing beamline for parametric X-ray radiation and coherent transition radiation in THz region at LEBRA

Speaker

Yasushi Hayakawa

15:30–16:00

Transverse Beam Size and Emittance Diagnostics Using Transition and Diffraction Radiation

Speaker

Pavel Karataev

16:00–16:15

Simulation of 2D Point Spread Function Dominated Beam Profile Images Based on Backward Transition Radiation from the Tilted Target

Speaker

Leonid Sukhikh

16:15–16:30

Micron-Scale Vertical Beam Size Measurements Based on Transition Radiation Imaging with a Schwarzschild Objective

Speaker

Leonid Sukhikh

16:30–16:45

Experimental Study of Optical Transition Radiation Interference

Speaker

Michele Bergamaschi

16:45

17:00

2. Transition Radiation: (continue)

Session | Convener: Xavier Artru

17:00–17:15

Study of Angular Distribution of Quasimonochromatic EUV Radiation Generated by 5.7 MeV Electrons in a Mo/Si Multilayer

Speaker

Sergey Uglov

17:15–17:30

Electromagnetic Field of a Charge Moving in a Waveguide and Intersecting a Boundary between Vacuum and Resonance Dispersive Medium

Speaker

Tatiana Alekhina

17:30-17:45

On the Stimulated Resonance Transition Radiation of a Bunch of Micro Bunched Electrons

Speaker

Mr Hayk Gevorgyan

18:00