

Radiation from Relativistic Electrons in Periodic Structures "RREPS-19"



Sunday, September 15, 2019 - Friday, September 20, 2019

Scientific Program

General radiation properties from relativistic particles

Cherenkov radiation

Transition radiation

Parametric X-ray radiation (PXR)

Diffraction radiation and Smith-Purcell radiation

Coherent bremsstrahlung and channelling

Crystal-assisted processes

Applications of monochromatic X-ray, gamma-ray

Terahertz beams produced at electron accelerators