

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



Sunday 15 September 2019 - Friday 20 September 2019

Scientific Programme

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