

Status of Study of Spin Dynamics in Electrostatic Rings to Search Electric Dipole Moment

Denis Zyuzin

Forschungszentrum Juelich, Germany

To search the proton EDM was proposed to use polarized protons at the so-called "magic" momentum of 0.7 GeV/c in a purely electric storage ring. In this talk, I will discuss the spin dynamics in electrostatic rings, the problems that we faced with, and methods to increase the spin coherence time.