

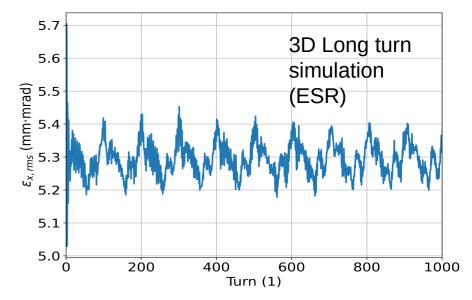




3D Beam Dynamics Model in Storage Rings

Alexander Engeda, Institute of Applied Physics, JGU Frankfurt, HFHF

- @ GU since undergraduate studies
- → Plasma Physics: Simulation of energy losses in colliding plasmas caused by radiation
- → Accelerator Physics: Flow transition regime of neutral gases
- → Accelerator Physics: Beam dynamics and Intrabeam Scattering



O..scattering angle

 Θ_{i}





