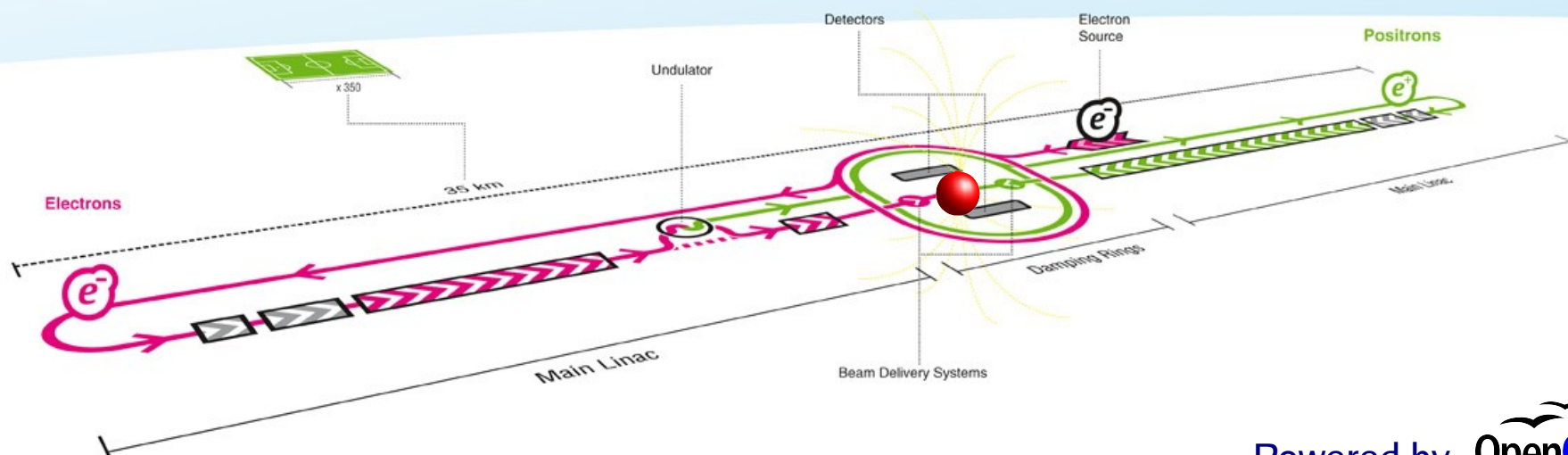
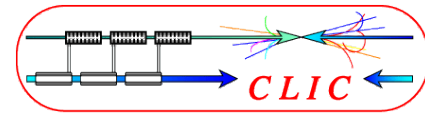


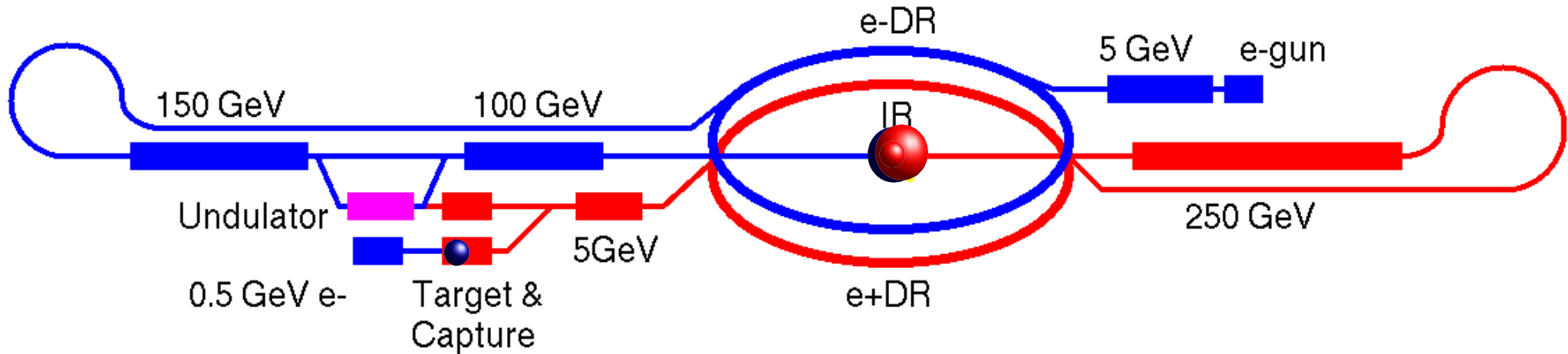
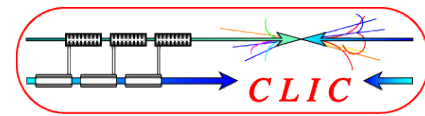
Overview of My Lectures

KURIKI Masao (Hiroshima/KEK)





- ▶ My lecture will cover
 - Electron Source
 - Positron Source
 - Bunch Compressor
 - Spin Rotator
- ▶ Everything in upstream of Main Linac, but DR.
- ▶ Rolls of these sub-systems are:
 - Produce particle beams.
 - Prepare acceleration in ML and transport among subsystems without significant beam loss and quality degradation.



- ▶ E-gun generates a pulse train (2675 bunches).
- ▶ Gamma rays are produced by 150 GeV electron through undulator and converted into positrons.
- ▶ A positron source driven by 0.5 GeV electron is a back up for high availability.
- ▶ Spin rotator and BC make up the beam for acceleration in ML and Collision at IP.