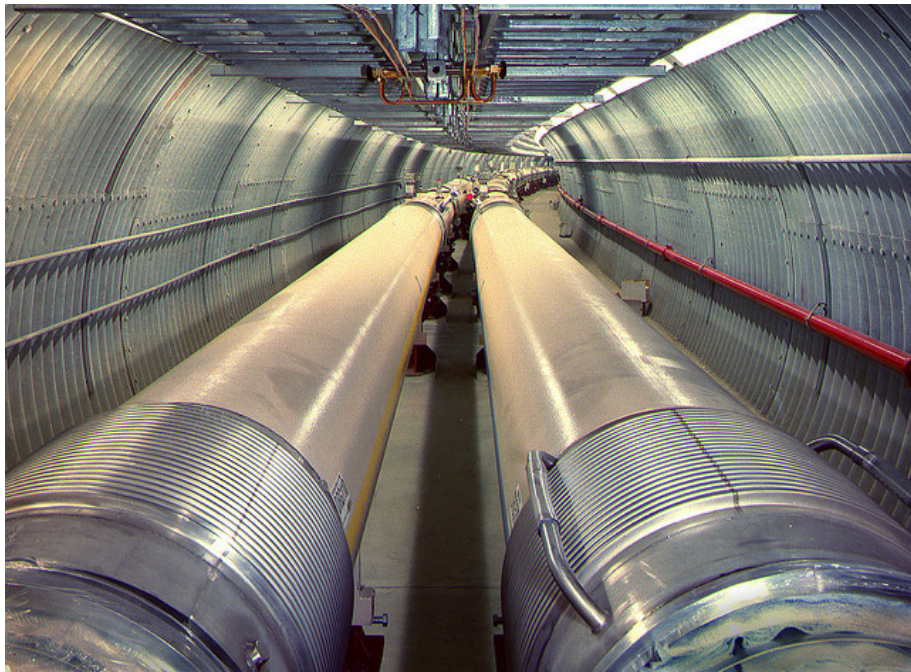
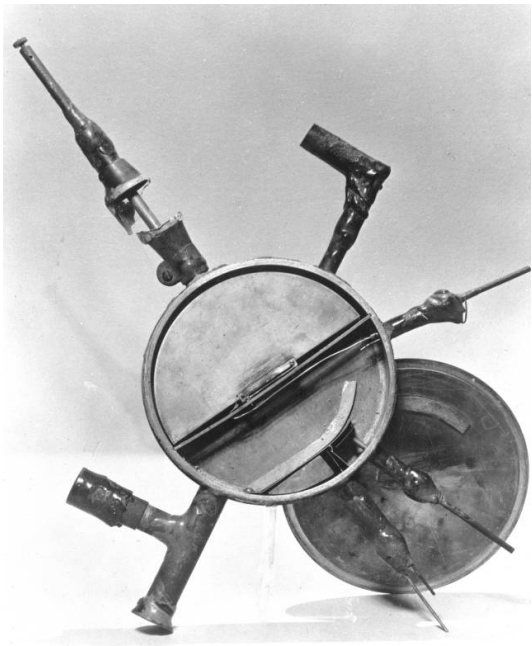
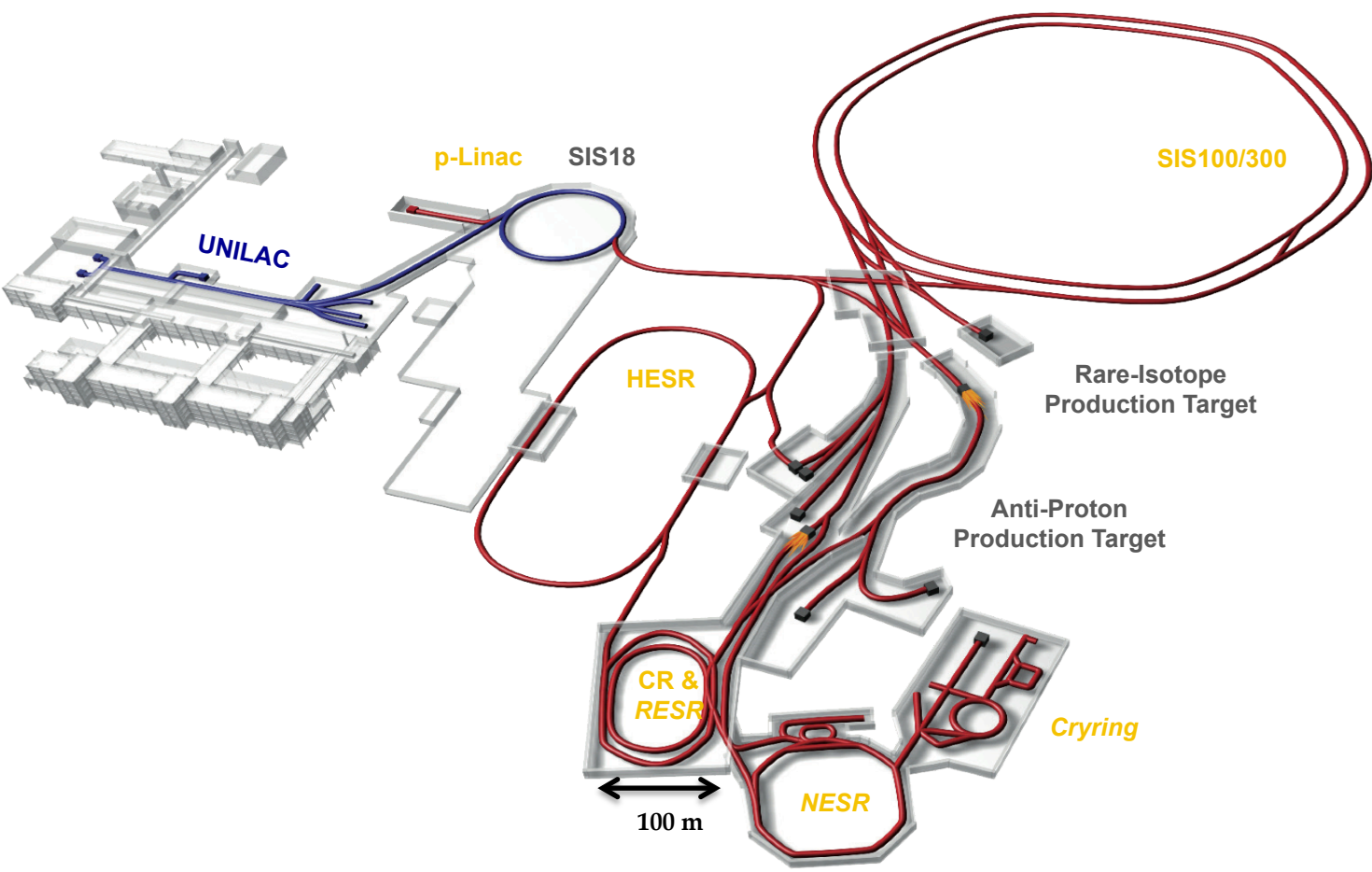
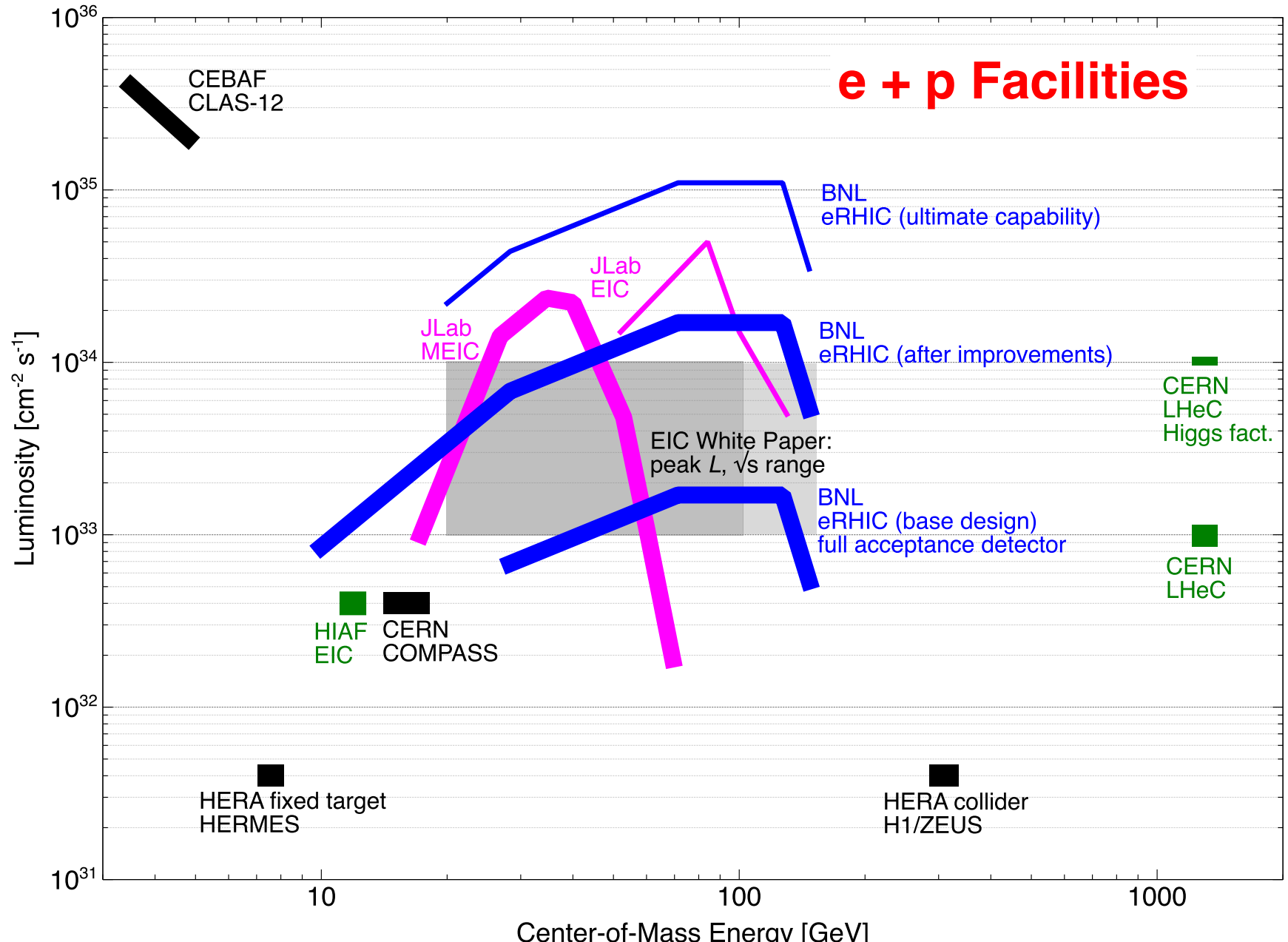
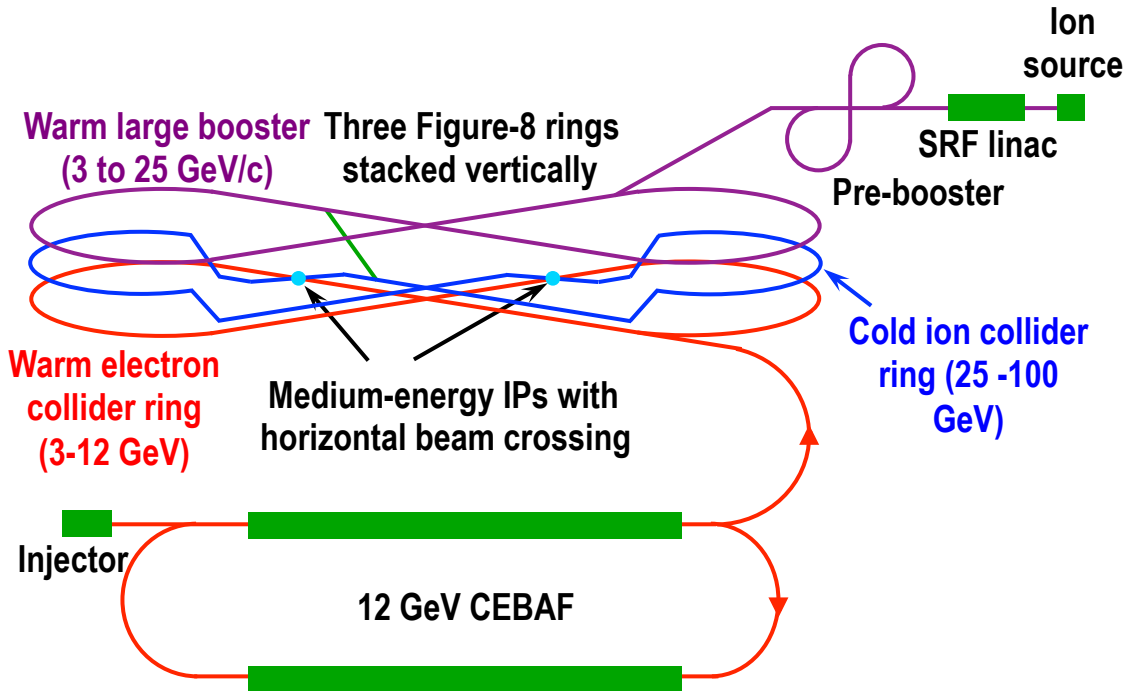










## FFAG Recirculating Electron Rings

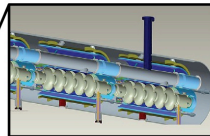
1.3-6.6 GeV



7.9-21.2 GeV



## ERL Cryomodules



Beam Dump

Energy Recovery Linac,  
1.32 GeV

Polarized  
Electron Source

Coherent  
Electron Cooler

Detector I

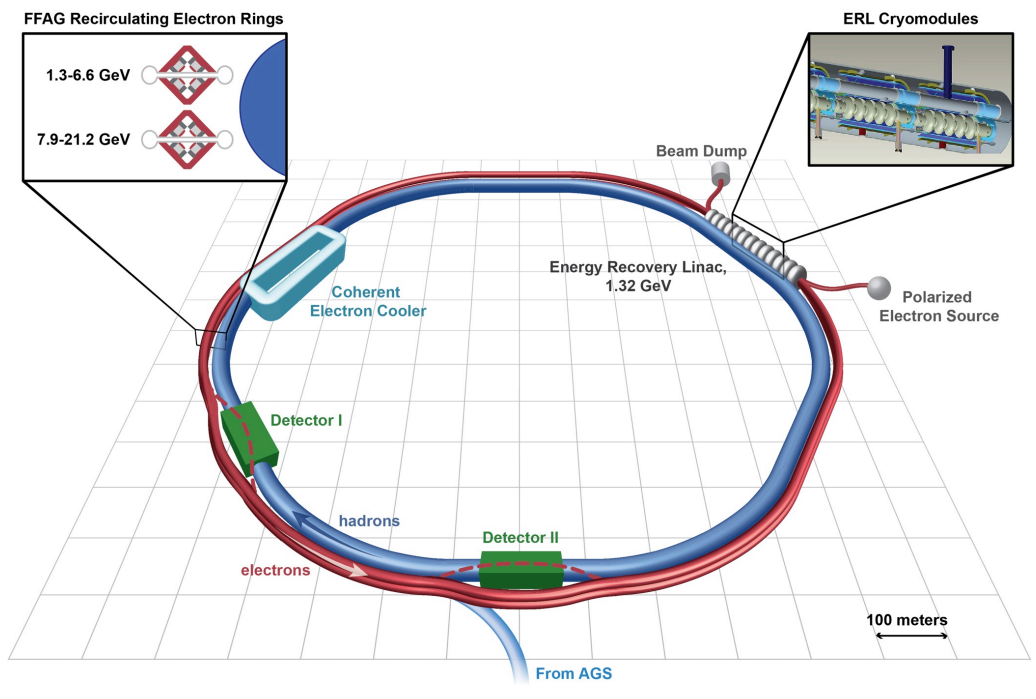
hadrons

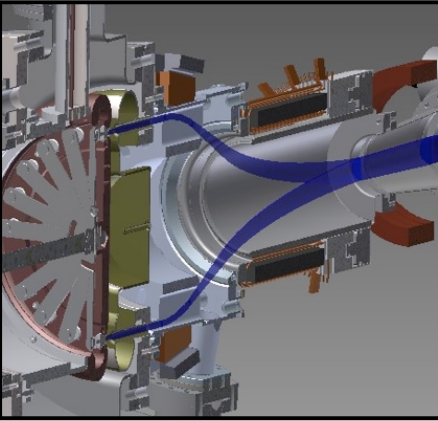
Detector II

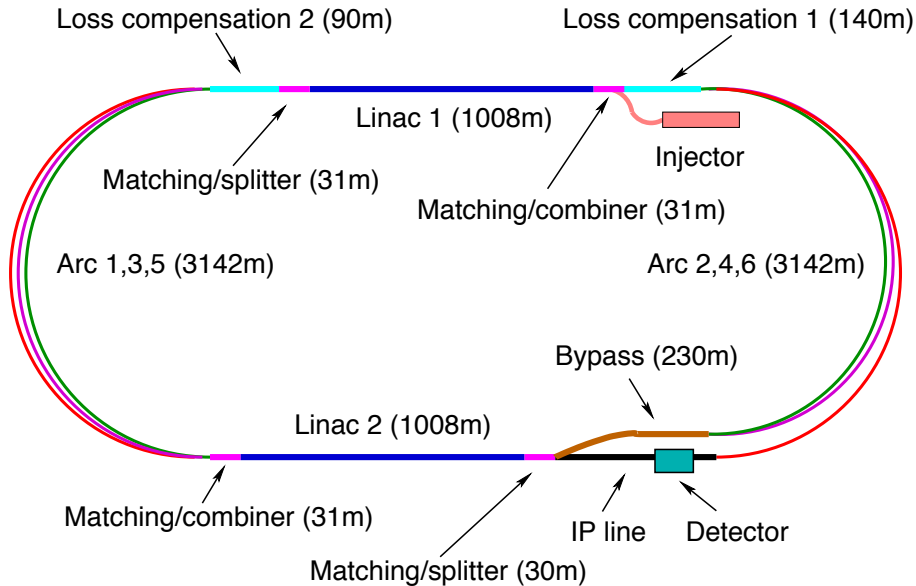
electrons

From AGS

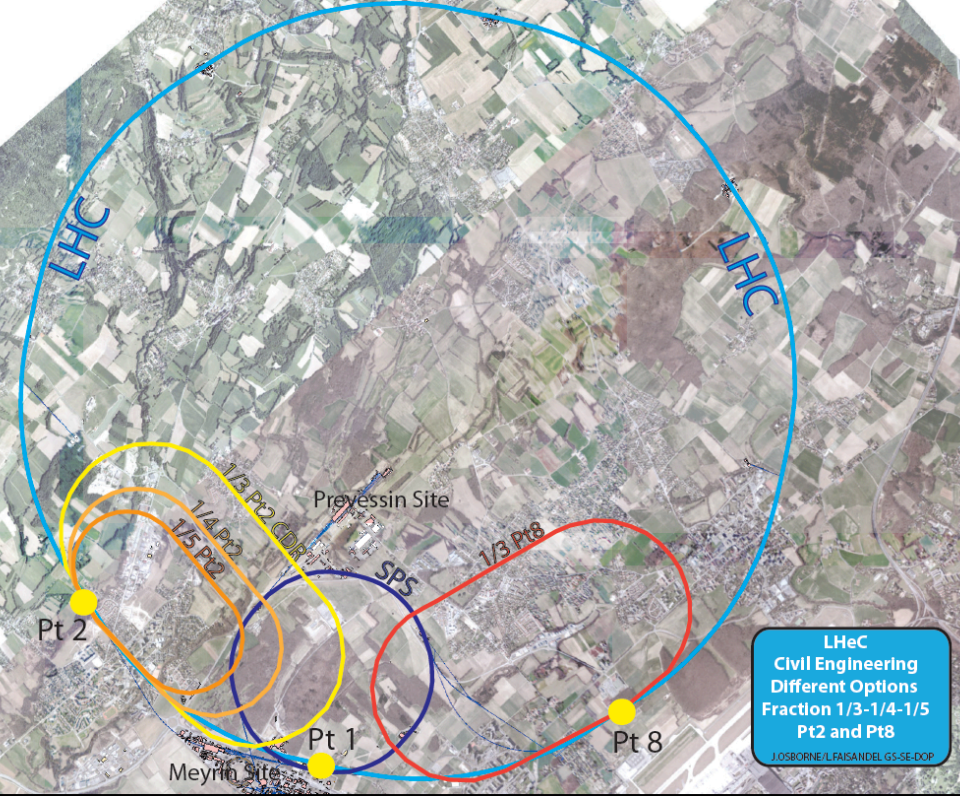
100 meters











LHeC  
Civil Engineering  
Different Options  
Fraction 1/3-1/4-1/5  
Pt2 and Pt8  
J.OSBORNE/L.FAISANDEL GS-SE-DOP