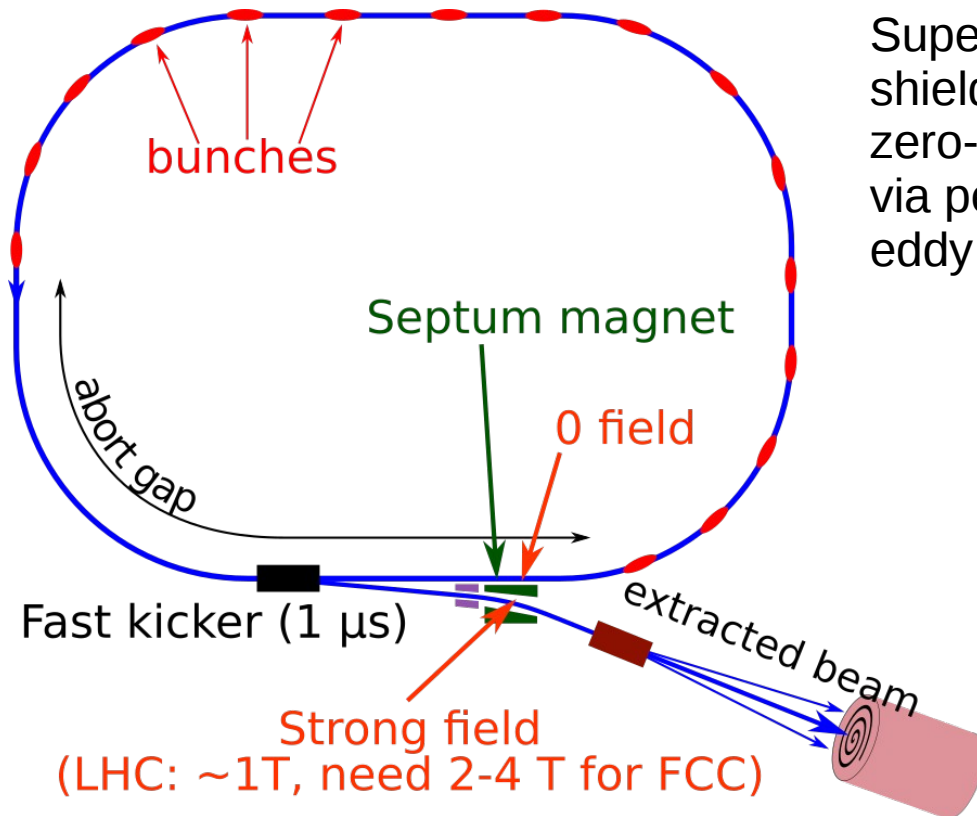
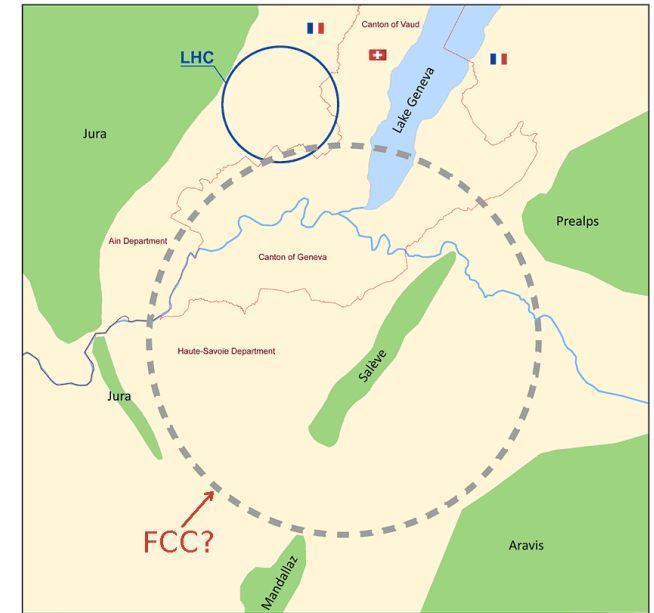


The SuShi (**S**uperconducting **S**hield) Septum for the FCC (Dániel Barna, Budapest)

Future Circular Collider	
Circumference	80-100 km
Beam energy	3.3-50 GeV
Stored beam energy	8.4 GJ (24 TGV trains at 150 km/h)



Superconducting shield creates zero-field region via persistent eddy currents

