

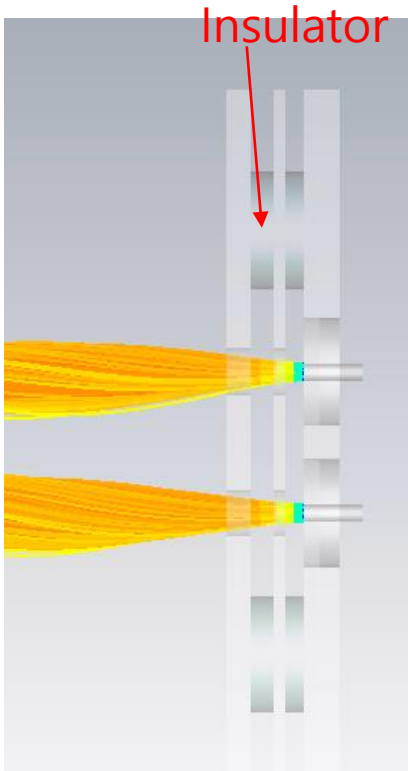


20180423 Meeting

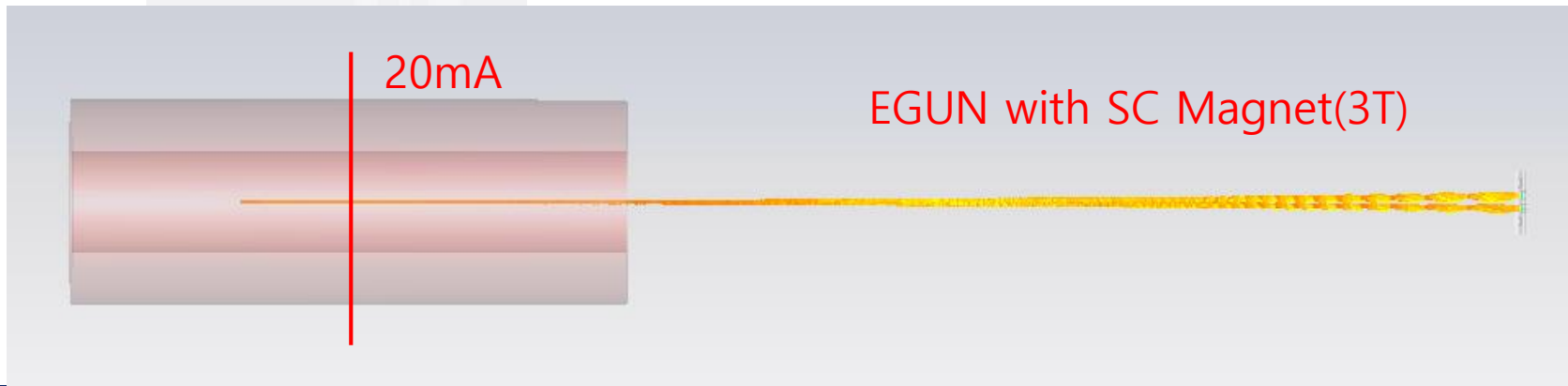
**Korea University
Lim. EunHun**



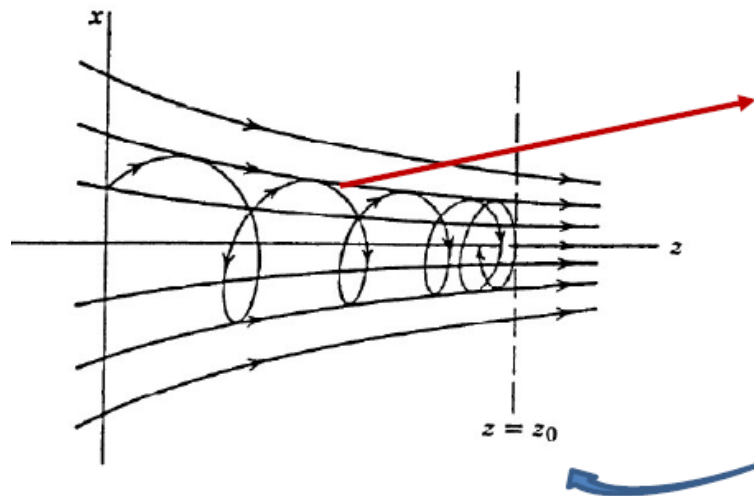
EGUN TEST with CST



Parameter	Value(mm)
Anode_D	2.0
Anode_T	2.0
Anode_A	2.0
Grid_D	1.5
Grid_T	2.0
Grid_A	1.0



EGUN TEST with CST



$$v_{\parallel}^2 = v_0^2 - v_{\perp 0}^2 \frac{B(z)}{B_0}$$



$B(z)$ 가 증가하면 $v_{\parallel} = 0$ 이 되는 점이 존재

(직선운동에너지 → 퍼텐셜에너지)
(회전운동에너지)



(퍼텐셜에너지 → 직선운동에너지)
(회전운동에너지)



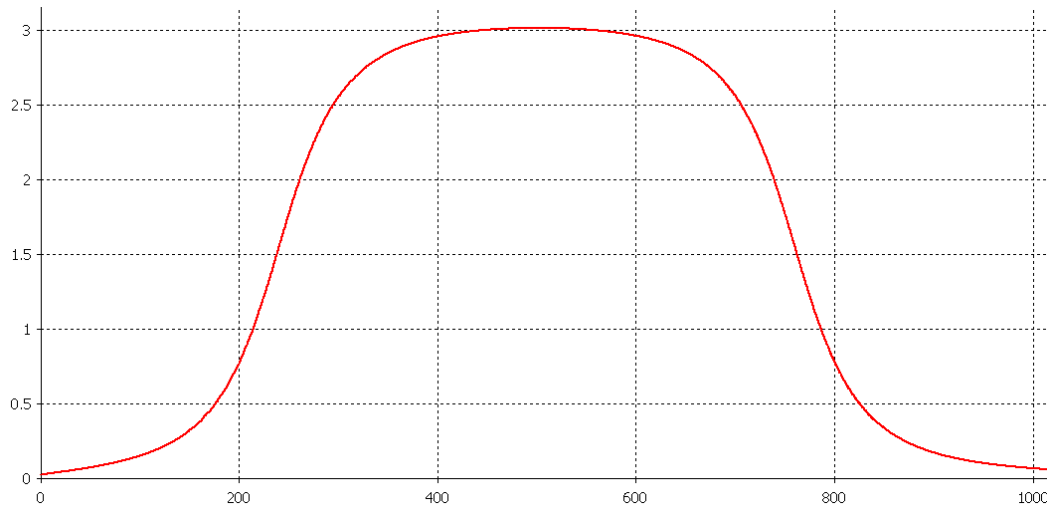
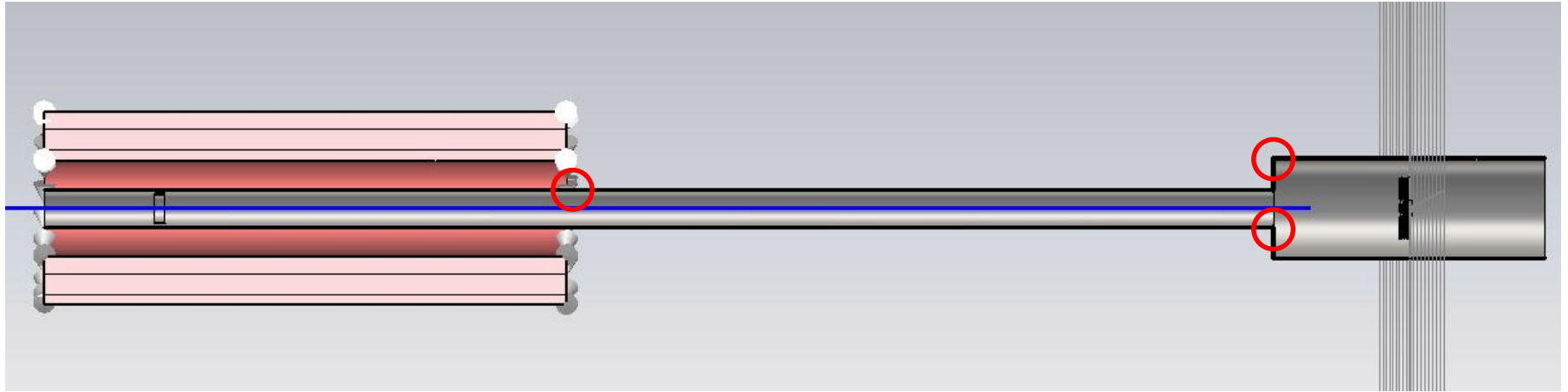
Mirror Reflection

by the magnetic field

3T~6T SC Magnet Test

1. Beam Angle
2. Beam Current(trap)

EGUN



To do List

1. Mesh Error(Chamber)
2. Magnet Shield

Thank You

