

# Rump Session Summary

- Mechanical properties
  - +/- 0.25 strain roll direction
  - 20 MPa perp. broad face
  - 100 Mpa || broad face
  - Thick films may have added cyclic risk
  - Cabling hard way bend

# Dimensions

- 4 to 5 mm width
- $I_c$  100 to 200 A
- Thickness less of a driver
- High N-value is good for performance but makes protection of quench harder
- Machines are designed at about 1 microvolt/m

# Special Properties

- Cost is important
- Fault/recovery is challenging for current limiters and transformers
- More data of Critical current as a function of B, T, angle is needed
- AC losses: there is concern about ferromagnetic materials
- AC losses perpendicular to the broad face are of concern.