

# Action Items (TIM Oct.2014)

- Discrepancy between beam data and simulation
  - compare beam data between JC and IC and
  - compare simulation between JC and IC
  - Temperature dependence
  - Energy deposition in each TASC layer
- Ion particle ID with Si detector (2013)
  - JC try to use tagged data by IC for ion analysis
- Up stream material for 2012 test
  - 0.353 r.l. + 0.05 r.l.  
→ shower development is consist between beam data and simulation
  - within Si detector: 0.24 r.l. (2014)
- Study of MC Dependence of Back Scattering
  - layer by layer comparison (energy, inclination)
- check & compare brass effect with FLUKA, Geant4 and EPICS
  - to determine the PWO configuration
  - Study the bottom layer of IMC
- Future prospect for beam tests beyond the ion run in 2015
- Result of calibrations and tests in manufacturing will be distributed after the final system test in TKSC is finished.