## Scecal for DBD T.Takeshita Shinshu CALICE@Cambridge 2012

- granularity : effective 5mm x 5mm by
  45 mm long strip scintillator
- Test beam results: FNAL and DESY
- detector optimization : Hybrid ECAL
- calibration



## • 5mm x 5mm : 5mm x 45 mm strip

scintillator crossing will make effective 5x5mm2









## • DESY-I: 9cm x9 cm strip ECAL 2006 10mmx45mm 2008,

2009

• FNAL: 18cm x18 cm strip ECAL 10mmx45mm



## Test Beam results 2006 • DESY-I: 9cm x9 cm strip ECAL 10mmx45mm 2008,

2009

• FNAL: 18cm x18 cm strip ECAL 10mmx45mm

Deviation (%)





