



EUDET Module – Summary of CALICE TB



Roman Pöschl
LAL Orsay

Ecal EUDET Meeting 30/6/09

Time line of SiW

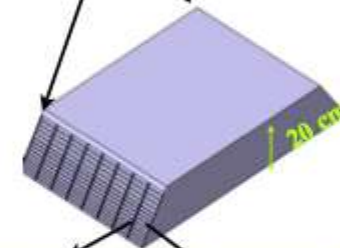
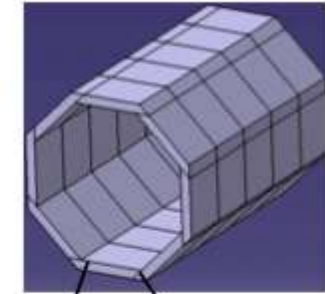
	Mechanics	Electronics	Wafers	Integration
Q3-4 '09	Thermal tests	Tests of surface bonded SPIROC2	Test 40xHamamatsu	DAQ firmware
	Prepare assembly room		Guard ring test samples	Prepare cosmic bench
Q1-2 '10	Make alveolar structure	Tests of embedded SPIROC2	Test samples	Cosmic tests w/ SPIROC2
	Make 'H' structures	SKIROC2	from other companies	
Q3-4 '10		PCB w/ embedded SKIROC2		Cosmic tests w/ SKIROC2
Q1-2 '11	Slab assembly		Order wafers	Start to instrument structure
Q3-4 '11				Partially instrumented
Q1 '12				Fully instrumented

CdIT:
Production Run with all ROCs beginning of 2010??

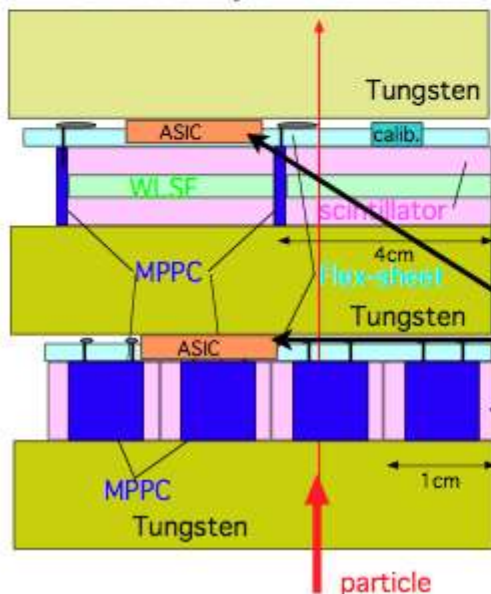
- Progress in VFE has currently highest priority
- Try to establish contacts with CERN to strengthen request for wafers at good prices (very early phase!!!)

ScEcal – Synergies with other Projects

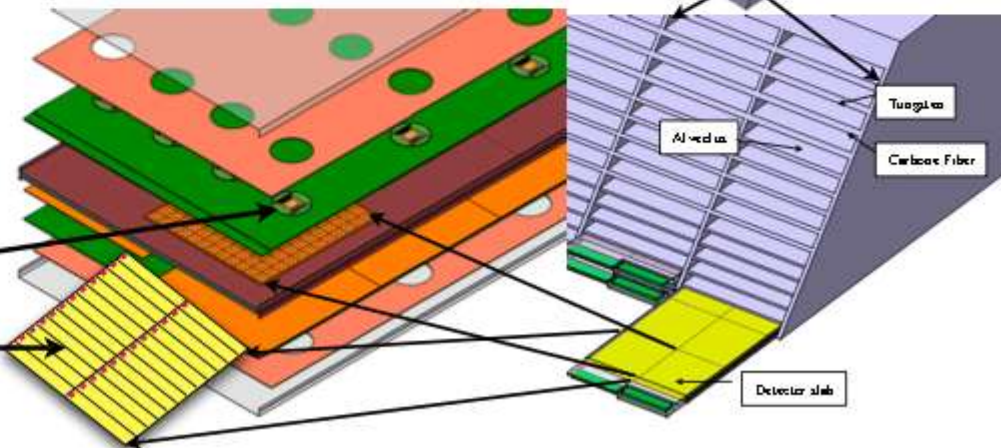
- Instrumented layer by ~2012
- AHCAL Electronics and SiW Ecal Mechanics
- Engineering of ScEcal layers should benefit from experience with EUDET Prototypes
Re-usability of devices???
- Clear item for a collaborative effort



EM-Scintillator-layer model Cross section TT Oct 07

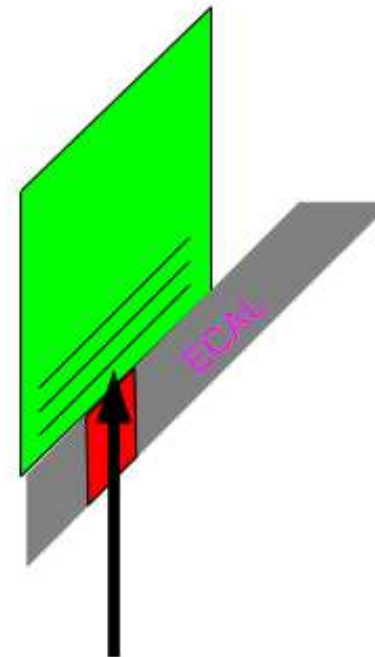
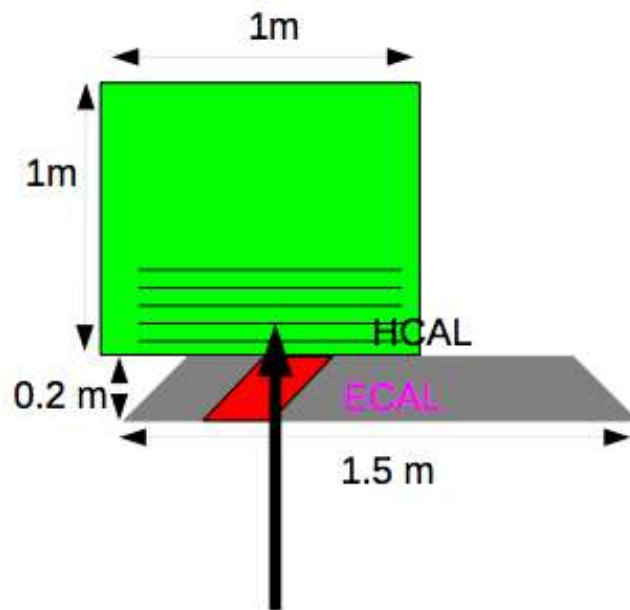
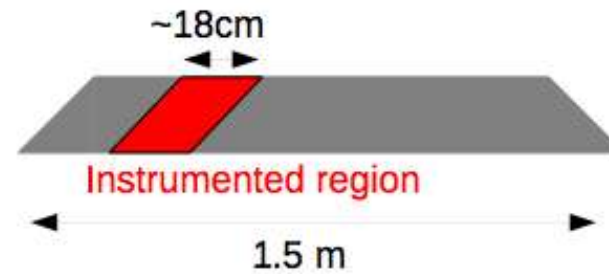


elex strip



Now could this look in a Testbeam Setup?

Instrumented region & combined TB integration



Clearly to be discussed and elaborated further