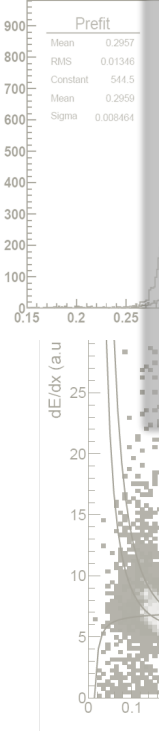


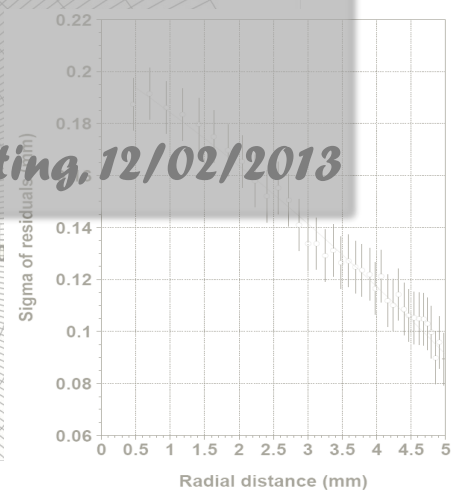
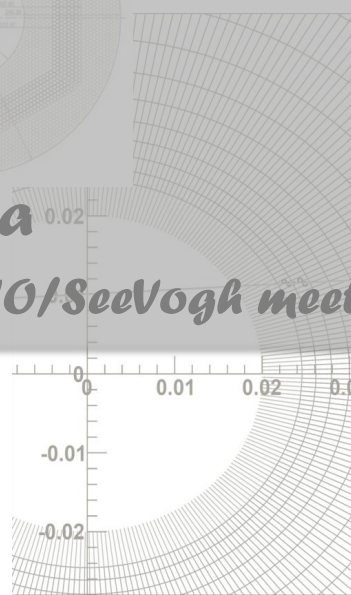
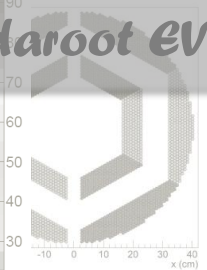
STT SOFTWARE STATUS



Lia Lavezzi

JNFN Pavia

Pandaroot EVO/SeeVogk meeting, 12/02/2013



• Geometry

- w/o passive (a part from supports)
- update to last version
- passive elements
- optimization/CadToROOT
- alignment

PAVIA



-



-

Susanna partly



-

Gianluigi partly



-



• Digitization

- ideal digi
- full digi
- fast digi
- electronic digi/calibration
- ToT
- noise hits & inefficiency
- cut on minimum energy

PAVIA



ROTONDI



ROTONDI



-



JACEK

-

-



STEFANO

-

• Reconstruction

- Digi/Hit
- STT track finder
- STT triplet finder
- interface to Kalman
- dE/dx
- t0 extraction
- global PR & Kalman

-
GIANLUIGI
MARIUS
LIA/SUSANNA
GOSIA
...
...
LIA
LIA
LIA
TOBIAS/MARIUS
PAVIA/FERRARA
SUSANNA

✓		✗
✓		
✓		
✓		
	→ see tracking	
	→ see tracking	
✓		
		✗
	- in development	
Thanks! ✓		
		✗ Not now!
✓		

• Tools

- map creator
- from GeoParams to TGeoManager
- neighbors, layer & sector ID
- time based simulation
- integration STT/FTS

• Testing

- TDR tests & co.