VC KVI-GSI-TUD technical meeting 04-07-2012

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1. Results of DSSD tests:

The resolution is about 20keV for . For the second pocket, 4 channels were coupled together (back and front). In these conditions, the position resolutions are 2 and 4 mm for the front and back, respectively. The noise level is reasonable, the coupling of 4 channels doesn’t degrade the resolution and the coupling of channels works well.

1. Status second pocket: the pocket should be ready end of next week (week 28). **It was decided that the second pocket should be identical to the 1st one.** Both pockets will be connected by a flexible tube. This system should be tested as a whole in the EXL chamber.
2. Alpha source insert: the system will be hand-controlled. We still need heating jackets, a turbo pump and a vacuum gauge.
3. Vacuum tests: Harry goes to GSI next week. The helicon-flex rings have not yet been delivered at GSI. The vacuum tests will therefore be done with the smaller ones.
4. The rates of Ti seem to correspond to the data taken.

The next meeting is scheduled for Wednesday 18th of July at 13:00.