VC KVI-GSI-TUD technical meeting 30-05-2012

O. Kiselev, M. von Schmidt, M. Mutterer, B. Streicher, C. Rigollet, K. Yue, J.C. Zamora, H. Timersma, S. Roy, M. Lindemulder, P. Egelhof

1. Attocube: Peter Schakel and Santosh will go to GSI (probably week 24) to pick up the attocube system. Oleg will first check that everything has been delivered and that no parts are missing.
2. Attocube recommends the use of stainless steel to fix the system to the chamber and not aluminium.
3. Thickness of Tantalum for the slit: Mirko and Juan Carlos will perform more simulations to determine the thickness we need.
4. The height of the slit plate should be increased by 2 cm.
5. Second pocket: the distance between the head and the wall of the chamber is 8 mm.
6. Thermal tests: Brano will upload the results on the wiki and Santosh will calculate heat transfer, heat capacity and so on.
7. **KVI will order a CF300 flange**, as GSI needs the chamber for DSSD tests. **Therefore, KVI cannot guarantee that the second pocket will be ready by the first week of July.**
8. Upcoming experiment: we need simulations of the whole system (including the dipole magnet) for (p, p’) and (, ’).
9. Shielding of the second pocket: Michel will send a first drawing around next week.
10. Alpha source in chamber: Manfred found a system which would allow us to insert a source in the chamber (small CF 100 flange at 90 degrees on the beam side of the chamber). Michel will ask a quote and delivery time from Hositrad (about 10000 euros)
11. ASICs: Peter S., Nasser and Haik should discuss how to proceed in the future.

The next meeting is scheduled on the 13th of June at 13:00.