



12 BF2 clusters

1 BF2 cluster= 4 closely packed BF2 crystals

Ge detectors from other sources

HISPEC/DESPEC MEETING - Valencia (Spain)

Current status of the development of the Fast Timing Array for DESPEC: Info from H. Mach

- Closing of Studswick reactor and shut down of the separator
- New home base will be established at Uppsala starting October 2005
- Applied for costs for a prototype BaF2 cluster detector
- “Wide beam” test in Jyvaskyla
- A ring of six Clusters 2007 (Surrey, Jyvaskyla, GANIL, Uppsala)
- New materials: LaBr3 with heavy Ce doping (above 10%), which should have the energy resolution 4 times better and the time resolution about 2 times better than BaF2. (Saint Gobain)
- New type of phototube: they are pressing Photonis/France for a development of 8-stage ultra fast phototube to replace the 12-stage XP2020 URQ