

Task Group 5

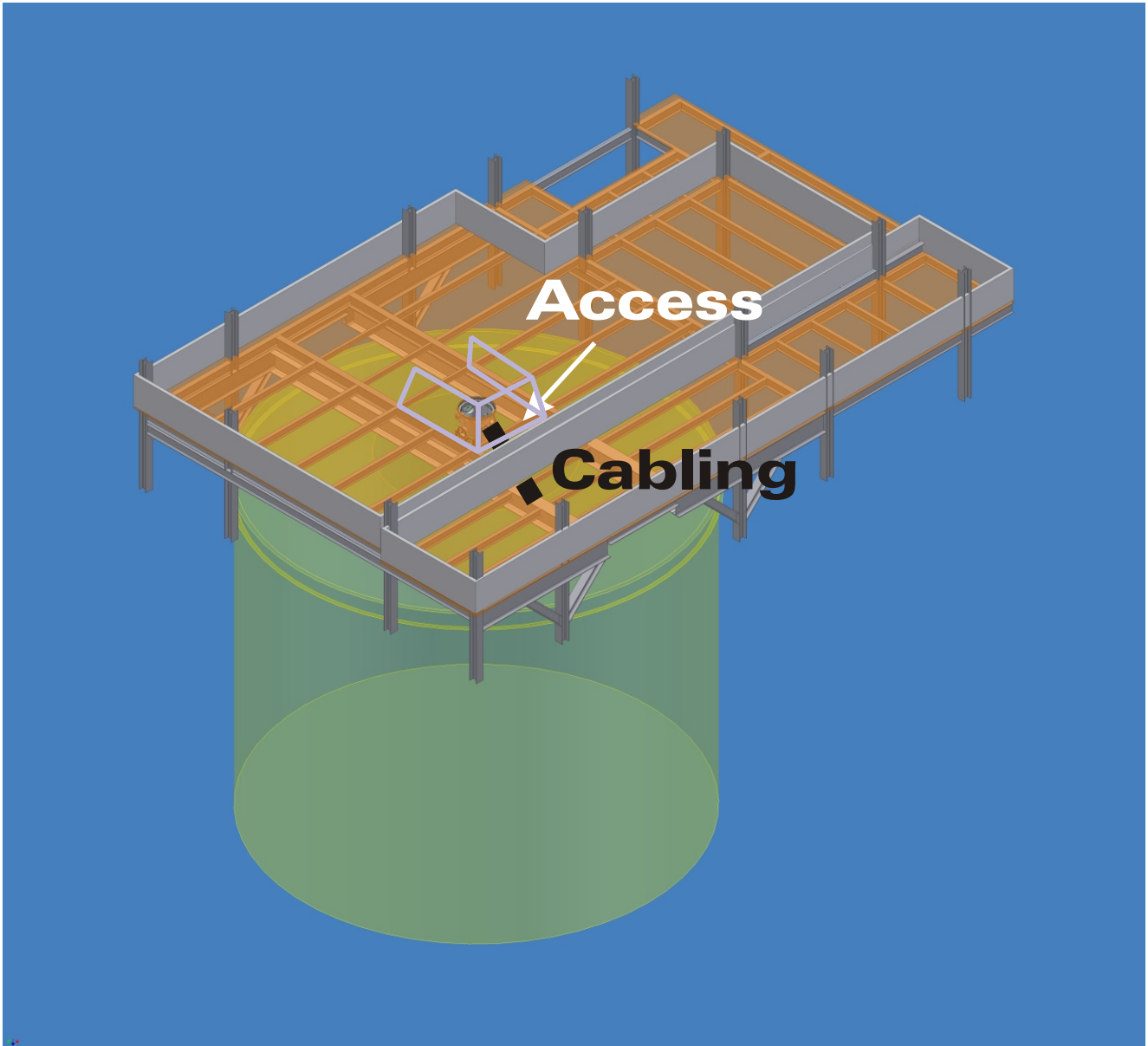
- **Clean room**
ready for tender 8-05
- **Lock system**
need input information



**System
Integration
Issues**

- **Detector suspension - ph.2**
- **Calibration system**

Integration

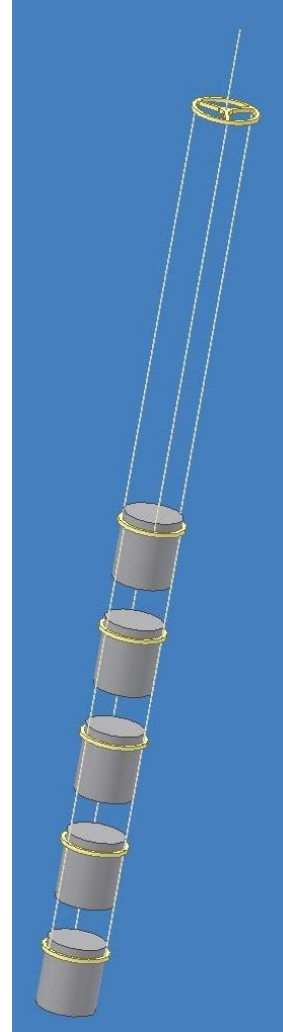
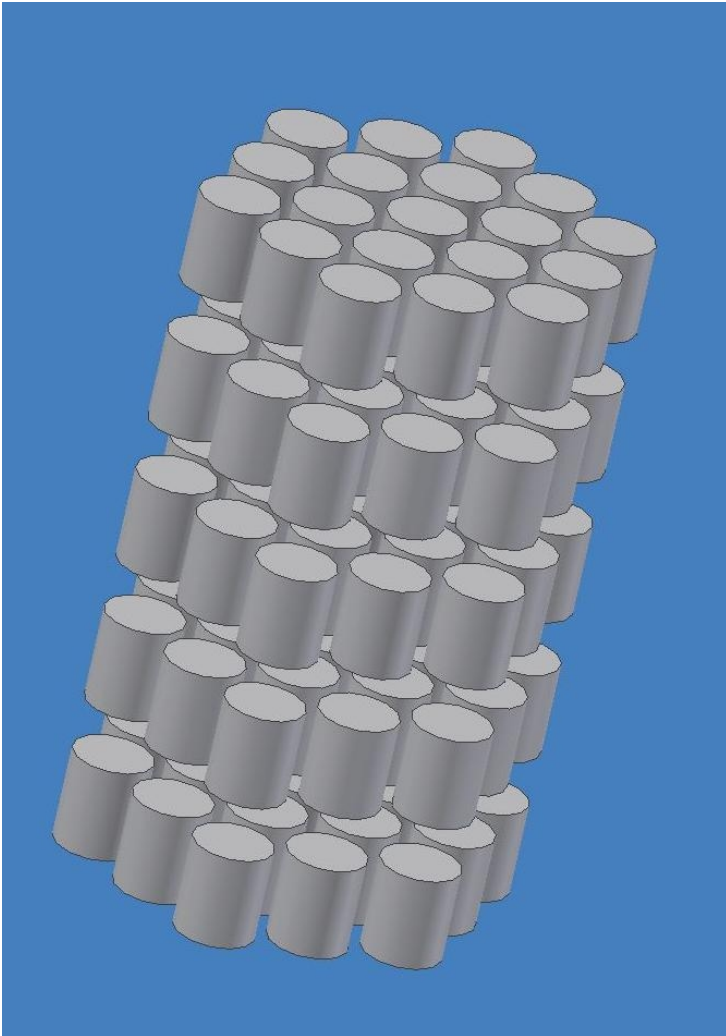


**Building something is not enough.
You have to be able to get there.**

Detector Suspension

Phase 2:

**7 strings with 3 detectors each.
Can be exchanged individually.**



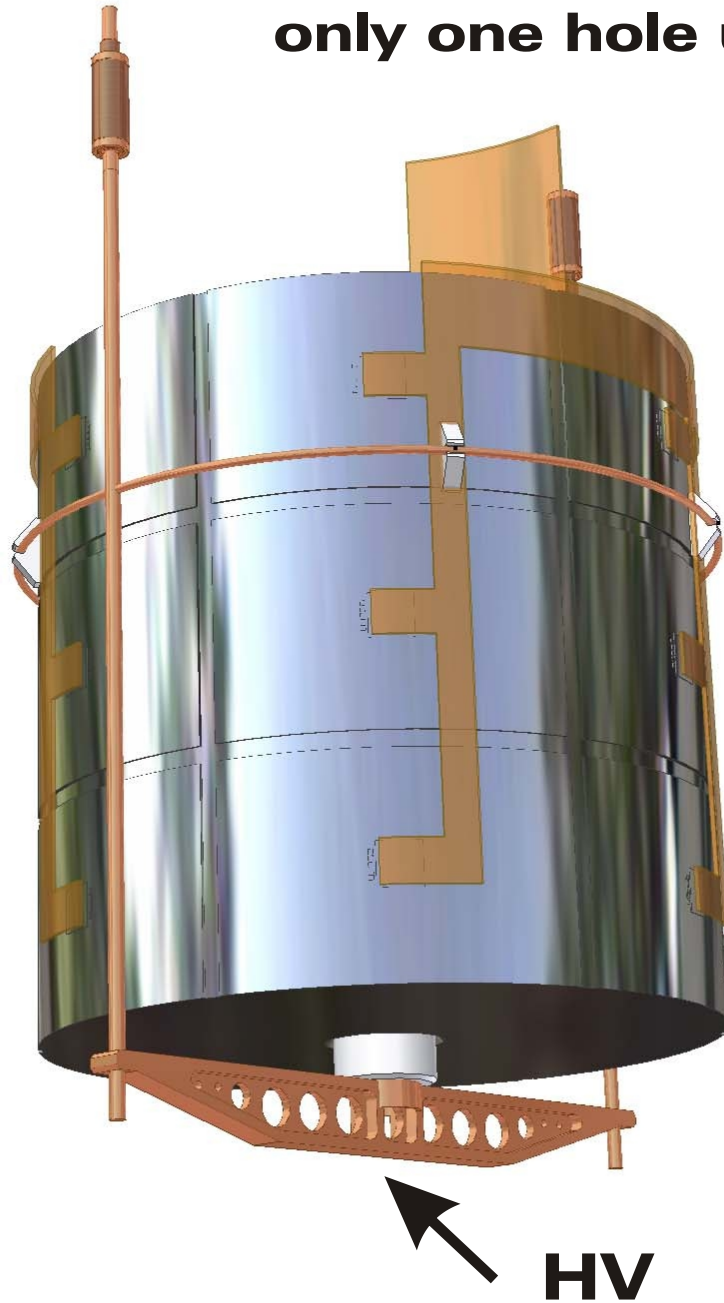
Siemens Lufthaken would be nice!

**HOLDERS have to be adjusted
to detector technology**

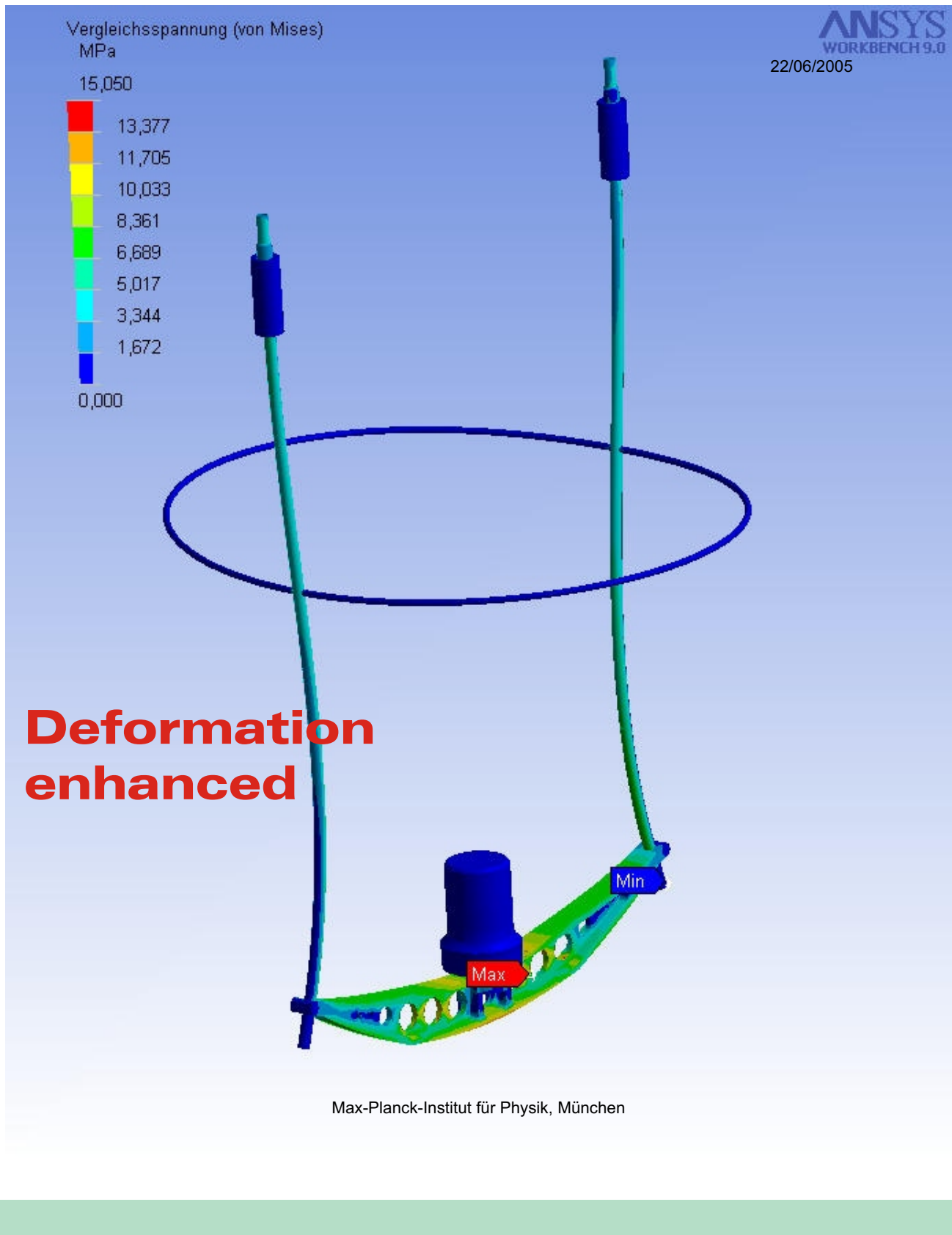
Detector Unit

Phase 2:

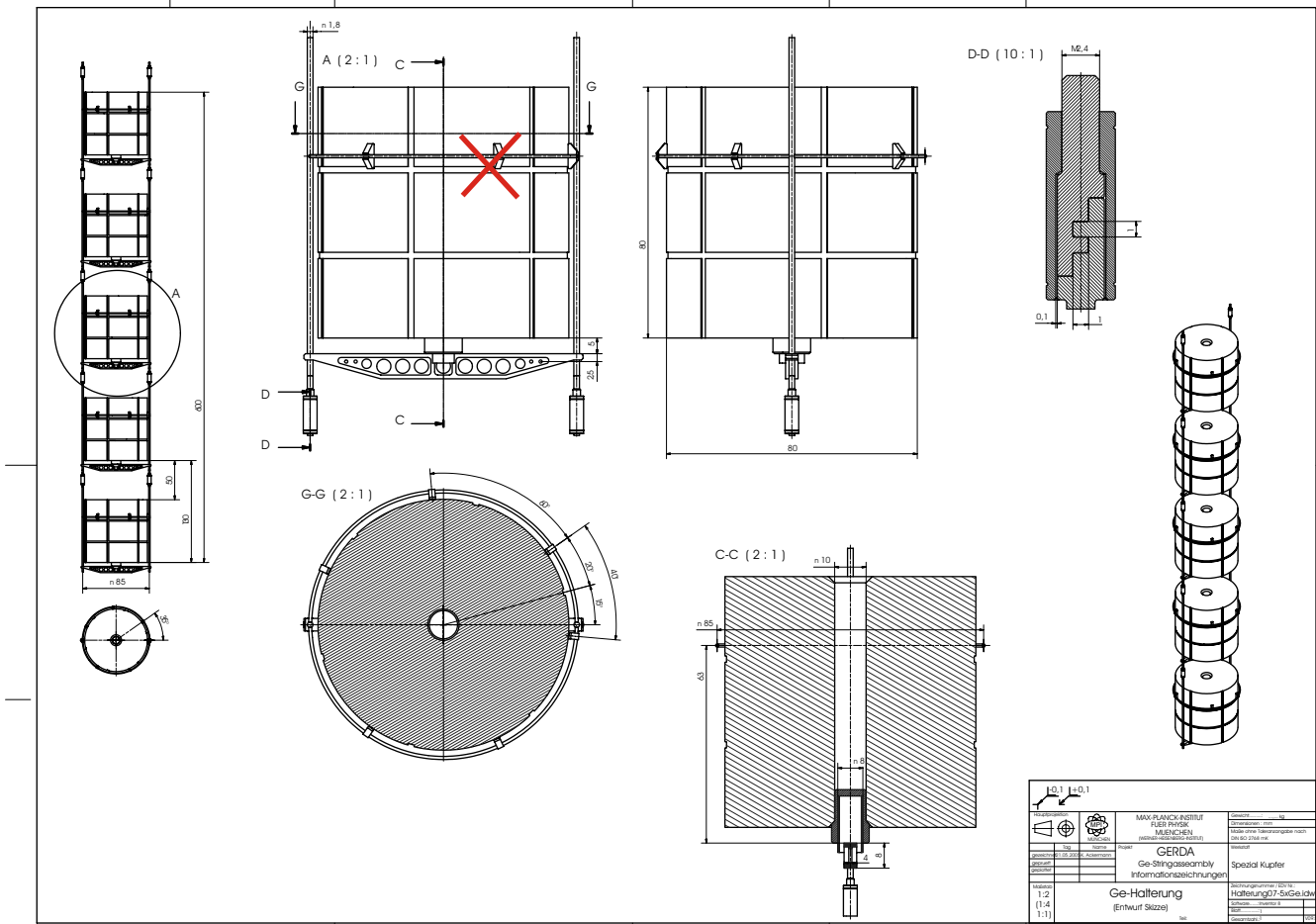
n-type detector -
only one hole used



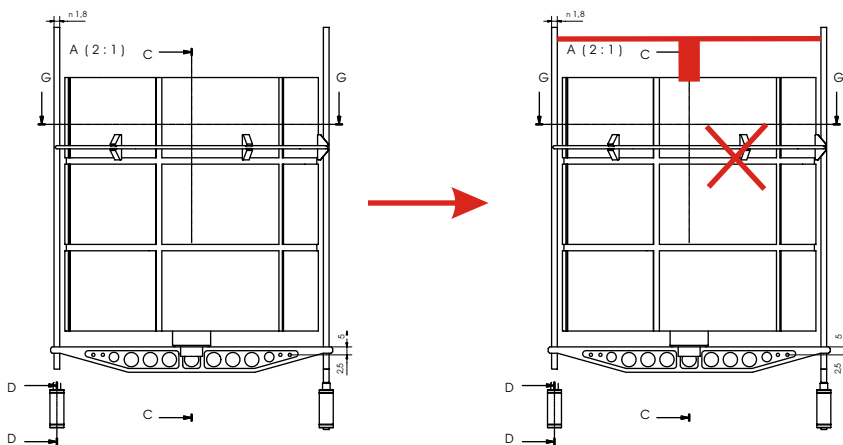
Stress-Calculatation



Holder Design



true coax



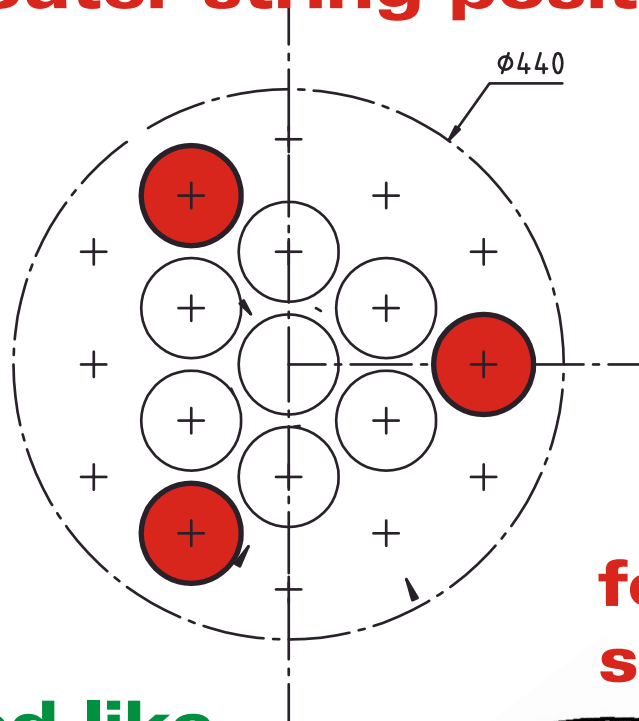
**exact
crystal
size does
not matter**

**outer surface
is not touched**

Stress Calculation is under way.

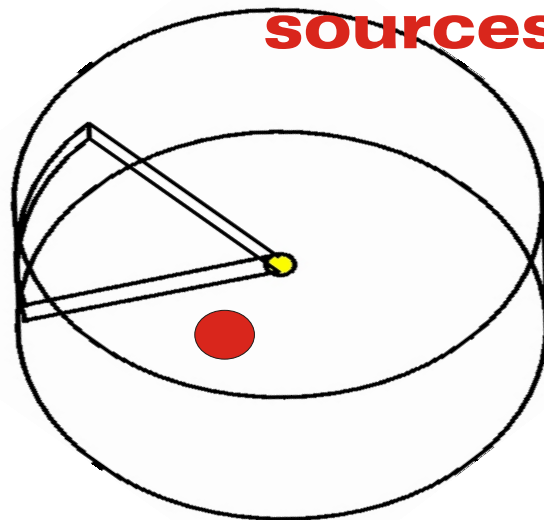
Calibration

Use outer string positions



for lead shielded sources

Loaded like a string, moved by a miracle, parked in the neck.



↳ **See MC note for selection of source.**

Summary

Clean room is ready for tender by August 2005

Currently working on System Integration. Time scale is evolving.

**Lock is waiting.
Cabling is a major issue.**

**Design of detector suspension by July 2005.
Prototype detector unit by end of 2005.**

**Calibration Source can be chosen.
Moving the sources will be addressed together with lock and cabling.**