
Status of funding for detector R&D in the UK

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Background

- December 2007 was a **shock** to the ILC-UK community
 - We were aware funding would be tight
 - But announcement of ILC withdrawal was more than expected
- However, we now know the situation was not as bad as thought
 - After the “sound and fury” abated, the aim became clearer
 - STFC wish to **diversify** the R&D, rather than cancel it
- Detector R&D can be continued
 - R&D applicable to the ILC is certainly **not forbidden**
 - But projects with wider application, to include generic “future colliders” as well, will be favoured
- UK funding rounds come through “Comprehensive Spending Reviews”
 - The next CSR is in two years’ time
 - Until then, a detector R&D fund of **£1M p.a.** is available
 - Stated aim of funding is to preserve detector R&D expertise
 - We hope a better settlement in the next CSR will allow this to increase

Bids to the fund

- The £1M p.a. is less than the detector R&D spend previously
 - But (almost) all HEP projects in the UK had cuts
 - Unavoidable we would also have **reduced funding**
- **Deadline** for bids was September 11, i.e. last week
 - Peer review committee meets at the end of October
 - Hope for an outcome during **November**
- Bids with involvement from **SiD-UK** people:
 - Low-mass mechanics for vertex detectors
 - Silicon sensors for vertex detectors, tracking and calorimetry
 - Physics/performance studies, for vertex id and PFA
 - (Only one other bid, for DAQ R&D, was submitted; this has no SiD-UK involvement)
- Hard to second-guess the peer review **outcome**
 - We are very hopeful several of the above should be funded at some level
- Note: SiD **MDI** work is funded through accelerators line
 - Funding already in place; it does not have to complete for this pot