



# Status Cavity Group

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# Organizational

- Next Webex Meeting
  - **17.6.2008 Tuesday 14:00 Berlin Time**
- Agenda
  - <http://ilcagenda.linearcollider.org/conferenceDisplay.py?confId=2782>
- Past Meeting Slides
  - <http://ilcagenda.linearcollider.org/conferenceDisplay.py?confId=2772>



# EU Status

- **Module ‘Crash’ Tests finished**
- **Nine-cell ‘standard’ results**
  - 6th production encouraging
- **Industrial EP**
  - Two companies wanted to set up infrastructure
  - First tests on rough EP process
- **Niobium vendor qualification**
- **Large-grain material**



# Asia Status

- STF Vertical test stands becomes operational
  - **Missing magnetic shielding for initial tests**
- STF EP becomes operational
  - **Cavity test beginning of July**
- Optical inspection system
  - **2nd prototype system available by next week**
    - Will be loaned to DESY and use to train DESY personnel
  - **Inspection of Z110 and Z111 done**
    - Found several defects



# US Status

- FNAL/ANL
  - **First nine-cell EP**
- JLab
  - **Preparation of new ACCEL cavities**
  - **Optical inspection system**
- Los Alamos
  - **Tests on multi-cells with new T-map**
- Cornell
  - **Second sound matches thermometry data on reentrant multi-cell cavity**
    - Accuracy of second sound detection is similar, if not better
  - **Inspection with questar-like system**
    - Pit found 200um diameter at quench location
    - But:
      - Found several other defects in other cells