

**HCAL Meeting
DESY 18.04.07**

**ITEP&MEPhI status report on
tile production and R&D activities**

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Status of tile production

Tiles for 38 cassettes have been delivered to DESY

In case of any problems with them we need a fast feedback

Bad tiles from cassettes # 1-2 will be shipped to ITEP and repaired

We hope to deliver them back to DESY by mid of May

R&D Activities

Coupling of tiles to PCB

Coupling of SiPMs to tiles

Ageing studies

Industrialization of SiPM production

**Development of large size (9mm x 1.8mm) SiPMs for direct readout
(1500 pixels $40 \times 40 \mu\text{m}^2$)**

Development of blue sensitive SiPMs

