

## Cavity Integration, activities in May

### STF:

Cool-down test of 4 TESLA-style cavities without connection of warm coupler.

May 20 – June 6 (3 weeks) for heat load measurement.

~1.5W for 1 cavity, total ~6W for 4 cavities.

Next: warm coupler part installation/process June 16 – June 27,  
cool-down/high power test July 1 – July 25.

### Coupler:

Orsay – KEK collaboration (FJPPL) started the discussion  
about Orsay coupler test at STF in Autumn.

### Tuner:

results will come up in the next STF module cool-down test.

### He vessel:

STF started the evaluation and material test  
to clear HPV regulation for STF phase 2.

## S1 Global:

INFN-KEK cryomodule production collaboration is on schedule. Preparing MOU document to be signed by both INFN and KEK.

DESY stated to supply two cavity system with Chechia Test in middle of 2009.

Help of coupler installation is possible.

Help of US cavities Chechia Test at DESY is also technically possible, if it is difficult at Fermilab within time, and if it is requested to DESY.