

CLIC structure collaboration  
WebEx meeting  
CERN production

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# Undamped ac. structures (11.4 GHz)

- T24#1
  - Will be shipped at the end of this week
  - *Cutting and inspection will follow*

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**For the following structures → decision to adopt SLAC/KEK assembly procedure – thanks to J. Wang for all input on cleaning and baking**

**Cleaning procedure: operational**

**Baking: we found a furnace at CERN. We think it will be operational in two weeks**

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**Disks for 3 undamped structures at CERN**

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|------------------------|-------------------------------|
| • <b>T24#2</b>         | <b>T18 KEK/SLAC #1 and #2</b> |
| – Sealed configuration | Sealed configuration          |
|                        | <b>Under assembly</b>         |

# Damped ac. structures

- TD18#1 (11.4 GHz)
  - Tank configuration
  - Same assembly procedure as T18  
*cleaning with solvent only*  
*vacuum brazing AgCuPa at ~ 800 °C*
- **TD24#2** (11.4 GHz)
  - Tank configuration
  - Already bonded (pure H2 bonding at 1040 °C), waiting for baking
- TD24 sealed KEK/SLAC design  
Mechanical design started
- **TD24#1 and #2** (12 GHz)
  - Tank configuration
  - Coupler bonded, structure will ne bonded next week

# PETS (11.4 GHz) with damping material

- bars at CERN
- Couplers and mini-tanks ready at CERN
- Assembly - complete by end of 2009
- Damping material – SiC - under tendering

# High power Loads

- 4 loads (2 for KEK and 2 for SLAC)
  - CINEL x 1 – sent to KEK
  - Heeze x 3 – under preparation  
ready by end of Sep 2009

# Others

- Problem with mode launcher C10
- Date for collaboration meeting during the CLIC workshop