

F. Gerigk, S. Ramberger, G. DeMichele, M. Schuh, F. Grespan

General

- 3 students from Poland are arriving on 01/07/09. They will stay for 3 months and are supposed to their diploma thesis on a SPL related subject. 2 of them will join the Linac4 RF team.
- 1 person is coming with Spanish Training Program in October, probably working on the PIMS.

DTL

- DTL Stainless steel tube purchasing is cheaper than expected.
- Power dissipation on the connecting guide between tank and waveguide checked with 2 simulation codes: 35 W/cm² maximum power density (CW).
- Beadpull measurements: bead pulling system for kevlar wire in construction; measurement repeatability shows error lower than 0.3% on the field peak value; the choice of the reference phase is crucial to exclude the wire noise from the integral calculation.

HOM

- First results of transverse beam dynamic studies with dipole modes. The observed BBU limit beside a machine line is at $Q_{ex}=10^8$ with very conservative assumptions.
- Results up to now will be presented at the SPL HOM workshop [tomorrow](#).

-- FrancescoGrespan - 30 Jun 2009

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