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DTL

- After the vacuum test ($1.2 \cdot 10^{-6}$ mBar) it is ready for bead pull measurements in bld 169. The Bead-Pulling system is installed in place.
- To allow tilt sensitivity measurements the Cu end-cones will be machined with holes to allow bead-pull measurements. At the moment the prototype has Al end-cones.
- The prototype should be ready for HP test in the middle of September.

Bead-Pulling Program

- Works now on slow PC
- Ready to be tested on the prototype. A comparison between the old code and the new one with continuous data-point acquisition will be done.

Power Splitter - Magic T

- The role of the posts and rod in the structure has been studied.
- The dimensions and/or the position of the two posts will be changed to get an asymmetric power splitter.
- Another solution could be the introduction of a short circuit on the port 4 in order to take advantage of the fact that the energy flow out of ports 2 and 3 is out of phase.
- Peak fields in the structure should be checked.

HOM

- First results on chopped beam effects. Plot.

-- MarcelSchuh - 14 Aug 2009

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