

Measurements of TESLA Cavities for TTF,
W.-D. MÖLLER for the TESLA Collaboration, DESY -
A new infrastructure has been established to prepare
and test cavities for the TESLA Test Facility (TTF).
This includes automatised chemistry, large clean room
facilities, high temperature furnace, high pressure water
rinse and vertical as well as horizontal test stands with a
5 MW klystron for High Power Processing (HPP).
First series cavities have been treated and measured.
We report about recent results like gradient, E_{acc} ,
quality factor Q_0 , field emission loading and quench
breakdown. These properties are discussed in respect
to the applied preparation and processing techniques.