In PLS. (2.0 GeV)

- Coupled Bunch Instabilities by HOMs limited beam current by 120mA
- We have installed improved rf-cavity temperature controller (1997)
- By temperature adjustment (trial and error) we stored <180mA
- Quantitative HOM measurement performed recently, Based on Trieste Europeant, and could manage some HOMs by temperature shift.
- We could store beam current up to 240mA without feedback. Yet unstable.
- With Feedback System(LFS), we stored 240mA stably. Above 240mA, transverse modes excit. (We need transverse feedback: finished) in Jan.
- Beam size reduced (187μm → 169 μm: 12nmrad → 8.8nmrad)

SLAC

- Lifetime also reduced from 22hr → 15hr (?)
- Users are happy
- Other problems are
 - Unstable rf control electronics
 - frequent circulator and vacuum trips

2.5GeV operation,

- No CBI observed
- Longer lifetime: 40 hrs, Higher x-ray flux
- Users are happier
- We normally operate at 2.5GeV