Comparison with FNAL and CLEO II

Experiment	fb^{-1}	p_{D^*}>GeV	# $D^0 \to K^+\pi^-$ $\times 10^3$ Events	S^2/B	Stat. Error R_{DCSD}
CLEO-II/SVX	5.5	3.1	5.0	??	??
CLEO-II/SVX	5.5	2.0	9.2	??	??
CLEO-II	1.8	3.1	2.2	36.1	2.5E-3
E791			13.5	13.0	3.4E-3
E691+E791					x<0.075,y<0.075

- CLEO II/SVX S^2/B will be better than CLEO II due to smaller signal box ($\times \sim 5$), more luminosity ($\times \sim 3-5$), better background suppression ($\times \sim 3$). Further gains from improved dE/dx calibration and lower p_{D^*} cut are anticipated
- Expect ≈ 1000 $D^{*\pm}$ tagged $D^0 \to K^+K^-$, CP=+; compare lifetime with $D^0 \to K^-\pi^+$: sensitivity of $|y| \sim 0.02 - 0.03$.
- Look for an improved measurement of R_{DCSD} and new limits on ΔM and $\Delta\Gamma$ at summer conferences.