

Abstract Submitted
for the APR08 Meeting of
The American Physical Society

Measurements of the Mass and Width of the $D_1(2420)$ and the $D_2^*(2460)$ JOSE FELICIANO BENITEZ, Stanford Linear Accelerator Center, BABAR COLLABORATION — The copious inclusive production of charm mesons in the BaBar detector at the PEP-II B -factory enables detailed investigation of the spectroscopy of charm meson states decaying to a D^* and at least one pion. We will present preliminary high precision measurements of the mass and width values of the $D_1(2420)$ and the $D_2^*(2460)$, observed in the decay to $D^*\pi$.

Owen Long
University of California Riverside

Date submitted: 11 Jan 2008

Electronic form version 1.4