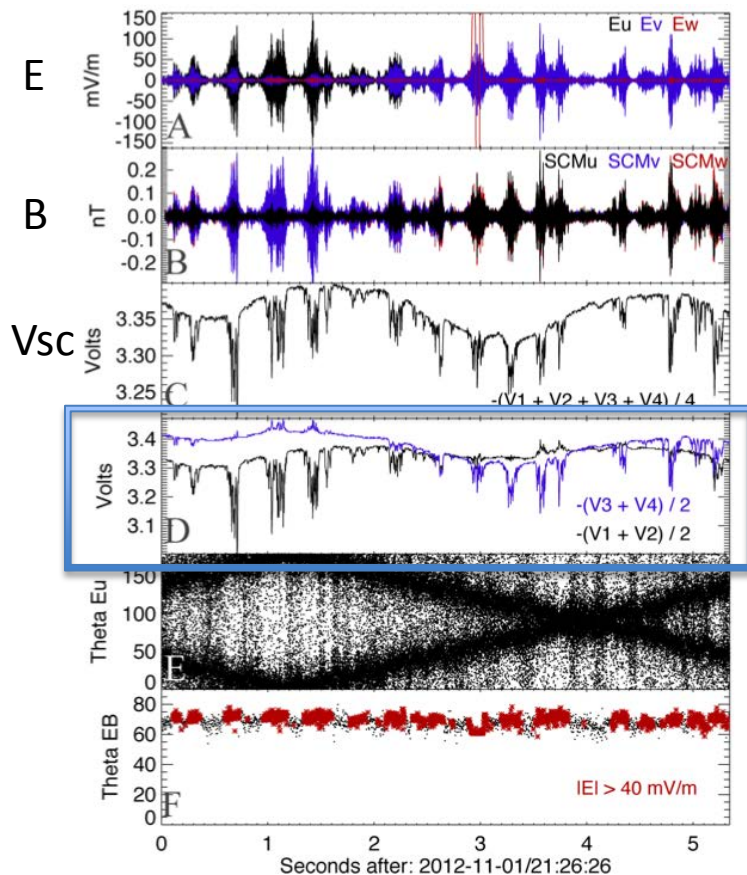


SC Potential Fluctuations and Photoelectron-Mediated Charging during Chorus Events

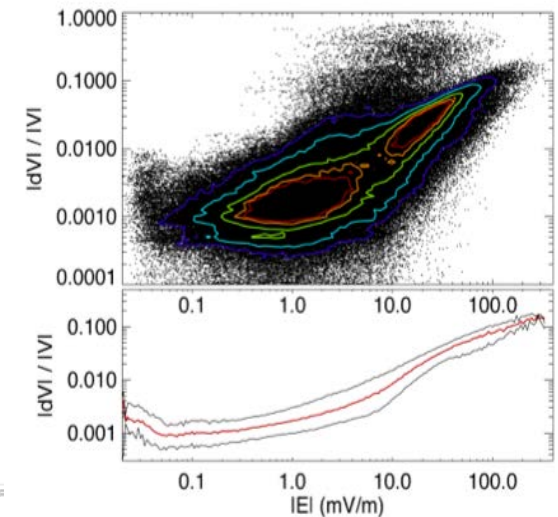
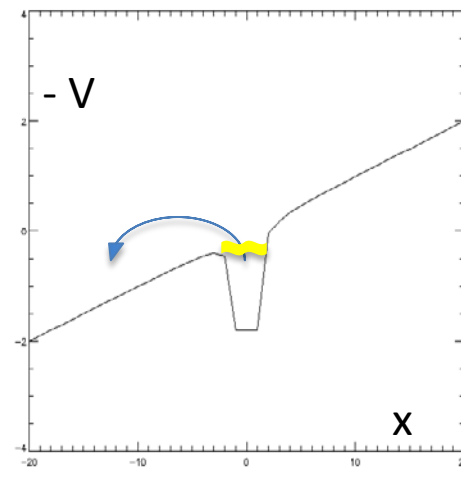
Andrew Sturner, CU/LASP

D.M. Malaspina, X. Wang

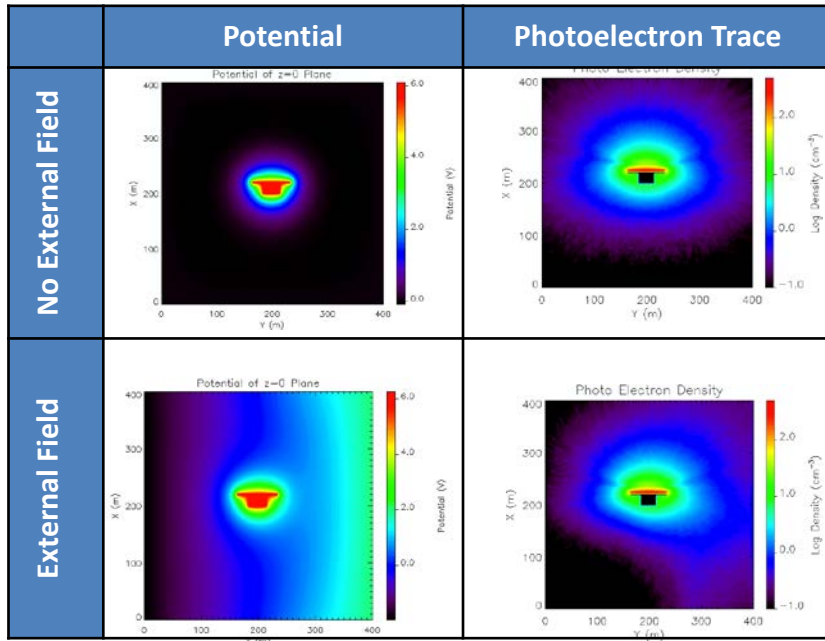
R.E. Ergun, M. Horani, J.R. Wygant, J. Bonnell



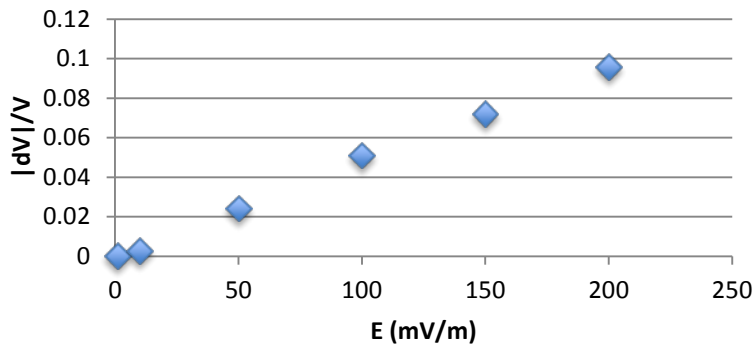
Enhanced photoelectron escape, *not density structure*, during chorus waves may play a significant roll in spacecraft charging



Simulation Support (Sturmer)



**SC Potential Change, $B=246$ nT,
 $T_e=T_i=10$, $n=20$**



Lab Experiment Support (Wang)

