

Abstract Submitted
for the APR05 Meeting of
The American Physical Society

Λ_c^+ **decays to states containing Λ hyperon** DAVID LOPES PEGNA,
University of Pavia, FOCUS-E831 COLLABORATION — Using Data from the
FOCUS-E831 Experiment, we show results on Λ_c^+ Cabibbo favored decay modes
into final states containing Λ hyperon. The channels include $\Lambda_c^+ \rightarrow \Lambda\pi^+$, $\Lambda\pi^+\pi^+\pi^-$
and $\Lambda_c^+ \rightarrow \Lambda\bar{K}^0K^+$. We measure their branching ratio with respect to the decay
 $\Lambda_c^+ \rightarrow pK^-\pi^+$. For $\Lambda_c^+ \rightarrow \Lambda\pi^+\pi^+\pi^-$ decay mode, a study of possible resonant
substructures will be presented.

David Lopes Pegna
University of Pavia

Date submitted: 14 Jan 2005

Electronic form version 1.4