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**Observation of  $\Omega_c^0$  in E781(SELEX) Experiment at Fermilab** AH-MET AYAN, The University of Iowa — We report the observation of  $107 \pm 22 \Omega_c^0$  events in  $\Omega^- \pi^- \pi^+ \pi^+$ ,  $\Omega^- \pi^+$ , and  $\Xi^- K^- \pi^+ \pi^+$  decay modes. The data were taken by the SELEX experiment (E781) spectrometer using 600 GeV/c  $\Sigma^-$ ,  $\pi^-$  and 540 GeV/c  $p$  beams. The mass of the  $\Omega_c^0$  is measured to be  $2706.6 \pm 2.0 \pm 2.1$ , using the three decay modes.

Ahmet Ayan  
The University of Iowa

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