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**Properties of the  $B_c$  Meson** SHERRY TOWERS, State University of New York, Stony Brook, DZERO COLLABORATION — Using more than  $250 \text{ pb}^{-1}$  of data collected with the DØ detector in Run II of the Tevatron, we study the  $B_c^+$  meson in the  $J/\psi\mu^+\nu$  and  $J/\psi\pi^+$  final states. We use these events to measure the mass and the lifetime of the  $B_c$ .

Prefer Oral Session  
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