

Abstract Submitted  
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**Search for Charmed Baryons Oscillations at Belle**<sup>1</sup> TIANPING GU,  
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We search for baryon number violation in  $B$  decays to pairs of charmed baryons and report the results based on the full Belle data sample. We interpret our measurement in terms of charmed baryons-antibaryons oscillations, which is a promising pathway to explain the missing piece in Sakharov's three conditions for baryogenesis. We outline the analysis procedure, background suppression optimization, data-based calibration approach, and present preliminary results for oscillation frequency and, alternatively, for baryon number violating branching fraction.

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