

Abstract Submitted  
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**Beam Test Results for ATLAS Muon Micromegas** WOCHUN PARK, University of South Carolina, ATLAS MUON MICROMEGAS COLLABORATION — MicroMegas (MicroMESH Gaseous Structure) technology is a promising candidate to replace the ATLAS muon tracking and trigger chambers in the end-cap inner layer and in the highest rapidity region of the middle layer for a future Super-LHC version of the experiment. A small prototype was built and evaluated in a beam test performed at the CERN H6 in November 2007. Some preliminary results on the performance are presented.

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