

Abstract Submitted  
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**Verification of the Endcap Electromagnetic Calorimeter Implementation into the STAR Simulation Package**<sup>1</sup> KEVIN MILLER, Valparaiso University, with the STAR Collaboration, STAR COLLABORATION — Spin experiments using the STAR detector at Brookhaven National Laboratory seek to measure the gluon contribution to the proton's spin. These measurements require the Endcap Electromagnetic Calorimeter (EEMC) to be well-modeled in the STAR simulation package. This analysis will confront simulations and data from proton-proton collision runs taken in 2006. Comparisons of quantities, such as cluster energy, opening angle, particle invariant masses, and hit distributions will be shown.

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