

Abstract Submitted  
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**Search for Higgs boson decays to invisible final states produced in vector boson fusion in association with a photon with the ATLAS detector**  
NICHOLAS FELICE, BEN CARLSON, TAE MIN HONG, Univ of Pittsburgh, ATLAS COLLABORATION — Some extensions of the Standard Model predict that the Higgs boson can produce invisible dark matter candidates through its decay. I present the progress of a search for invisible decays of the Higgs boson produced through the VBF channel with an associated photon.

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