

# LEPP JOURNAL CLUB

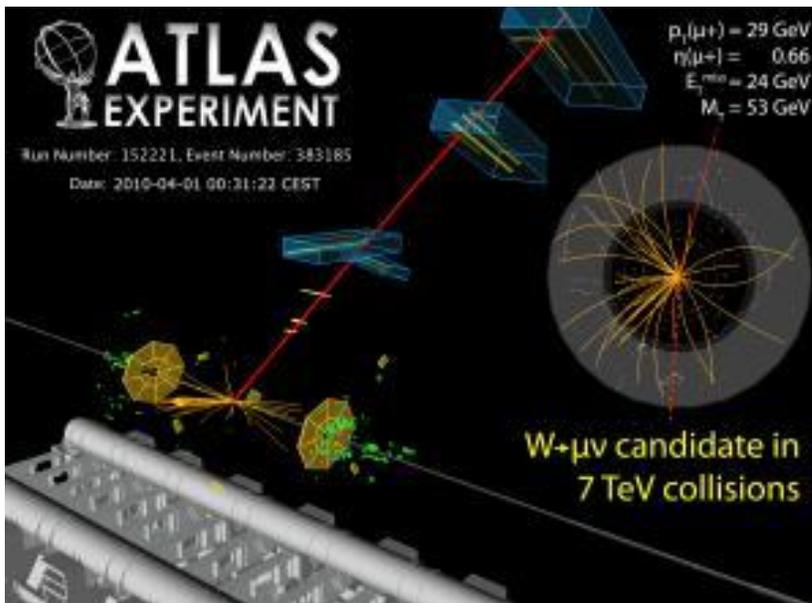
**Peter Onyisi**

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Looking for the Higgs in WW Decays at ATLAS



The electroweak symmetry breaking mechanism must produce new particles or interactions that couple to pairs of weak bosons. In the minimal Standard Model, this role is held by the Higgs boson, which, consequently, frequently decays to WW. I will discuss the ATLAS search for the SM Higgs in the  $H \rightarrow WW \rightarrow l\nu l\nu$  decay channel and the latest results.



**Tuesday**  
**March 27, 4:00pm**  
**401 Physical Sciences**  
**Building**  
**(Refreshments 3:45pm)**

