

# LEPP Journal Club

**Friday**, October 21, 2011. 4:00 pm (3:45 refreshments)  
301 Physical Sciences Building



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## Search for the Higgs Boson with CMS

2011 has been the year when the Large Hadron Collider (LHC) became the world's leading experimental facility for fundamental particle interactions. The amount of data is increasing exponentially, and the search for the Higgs boson is entering its final phase. The Atlas and CMS experiments exclude a wide range of possible Higgs masses, finding an excess at low mass, the favored region for the standard model Higgs. This talk will present results of the Higgs search at CMS, concentrating on the WW leptonic final state – one of the most sensitive.

