

**Session Program**

**24-31 Jul 2009**

**DPF 2009**

***Higgs Physics III***

Wayne State University  
Detroit, Michigan 48201, USA

# Thursday 30 July

14:00

## Higgs Physics III

Session | Location: Wayne State University, Detroit, Michigan 48201, USA

14:00-14:30 **The Higgs boson as a portal to dark matter**

**Speaker**

Dr Gabe Shaughnessy

14:35-14:55

**Discovery Potential of SM Higgs through H->WW Decay Modes at LHC with ATLAS Detector**

**Speaker**

Dr Haijun Yang

15:00-15:20

**H to WW and ZZ and projected exclusion limits on the SM Higgs boson cross sections**

**Speaker**

Dr Alexey Drozdetskiy

15:25-15:45

**Search for a supersymmetric Higgs boson decaying to tau leptons**

**Speaker**

Prof. John Conway

16:00-16:30

**Coffee break**

16:35-16:55

**Search for Supersymmetric Higgs Bosons**

**Speaker**

Prof. Flera Ritzadinova

17:00-17:20

**Discovery Potential for MSSM Higgs Bosons with the ATLAS experiment at the LHC**

**Speaker**

Dr Trevor Vickey

17:25-17:45

**Prospects for Standard Model Higgs physics with the ATLAS Detector at the LHC**

**Speaker**

Dr German Carrillo-Montoya

17:45