

**Session Program**

**24-31 Jul 2009**

**DPF 2009**

***Beyond the Standard Model I***

Wayne State University  
Detroit, Michigan 48201, USA

# Monday 27 July

14:00

## Beyond the Standard Model I

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

14:00-14:40

### Searches for BSM signatures at the Tevatron

#### Speaker

Andrew Haas

14:40-15:00

### Search for Supersymmetry in ppbar Collisions at $\sqrt{s}=1.96$ TeV Using the Trilepton Signature of Chargino-Neutralino Production

#### Speaker

Mr Rob Forrest

15:00-15:20

### Addressing the “Inverse Problem” of Multichannel Particle Searches: A Model-independent Approach to Supersymmetry Search with Trileptons

#### Speaker

Mr Alexander Sood

15:20-15:40

### Setting Limits on Gauge Mediated Supersymmetry Breaking Models with Photons at CDF

#### Speaker

Mr Eunsin Lee

15:40-16:00

### Discovery potential for GMSB Supersymmetry in ATLAS using the Zphoton+MET and ZZ+MET Final States

#### Speaker

Devin Harper

16:00-16:50

### break

16:30-17:10

### Recent developments in the phenomenology of supersymmetric models

#### Speaker

Prof. Stephen Martin

17:10-17:30

### Search for Charginos and Neutralinos with the D0 detector; Search for dark photons from supersymmetric hidden valleys with the D0 Detector

#### Speaker

Todd Adams

17:30-17:50

### Searches for Squarks and Gluinos with the D0 Detector

#### Speaker

Sergey Uzunyan

18:30

17:50-18:10

## R-symmetric Gauge Mediation and the MRSSM

### Speaker

Dr Andrew Blechman