

Session Program

8-13 Aug 2011



DPF 2011

Electroweak Physics

Rhode Island Convention Center
One Sabin Street Providence, RI 02903

Tuesday 9 August

14:00

Electroweak Physics

Session | **Location:** Rhode Island Convention Center, 552 A | **Conveners:**
Prof. Doreen Wackerroth, Prof. Sridhara Dasu

14:00–14:40 **Review of Electroweak Physics at Hadron Colliders**

Speaker
Frank Petriello

14:40–15:00

Measurement of the differential production cross section of Z bosons at 7 TeV

Speaker
Joseph Anthony Gartner

15:00–15:20 **Measurement of the Drell-Yan differential cross section at 7 TeV**

Speaker
Stoyan Emilov Stoynev

15:20–15:40 **W and Z production in the forward region with the LHCb experiment**

Speaker
Jonathan Anderson

15:40

16:00

Electroweak Physics

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Prof. Doreen Wackerroth, Prof. Sridhara Dasu

16:00–16:20

Z boson property at Tevatron: angular coefficients and Afb of Drell-Yan process

Speaker
Jiyeon Han

16:20–16:40

Studies of Z/gamma* differential cross sections in ppbar collisions with the D0 detector

Speaker
Rafael Lopes de Sa

17:00–17:20

Measurement of W and Z boson production rate and asymmetry at CMS

Speaker
Ji Yeon Han

17:20–17:40 **Rates of Jets Produced in Association with W and Z Bosons**

Speaker
Kira Suzanne Grogg

17:40–18:00

A Measurement of the Ratio of the W+ 1 Jet to Z + 1 Jet Cross Sections with ATLAS

18:00

Speaker

Mr Andrew Robert Meade

Wednesday 10 August

14:00

Electroweak Physics

Session | **Location:** Rhode Island Convention Center, 552 A | **Conveners:**
Prof. Sridhara Dasu, Prof. Doreen Wackeröth

14:00–14:30 **Two-loop corrections to W and Z boson production at high pT**

Speaker

Prof. Nikolaos Kidonakis

14:30–14:50

Measurement of the Transverse Momentum Distribution of Z/gamma* Bosons in 7TeV Proton-Proton Collisions with the ATLAS Detector

Speaker

Dr Jianbei Liu

14:50–15:10

W boson mass and width measurements at D0

Speaker

Daniel Boline

15:10–15:30

Study of Wgamma and Zgamma production at the LHC

Speaker

Prof. Al Goshaw

15:30–16:00

The Epsilon Expansion via Hypergeometric Functions and Differential Reduction

Speaker

Prof. Scott Yost

16:00

Friday 12 August

10:30

Electroweak Physics

Session | **Location:** Rhode Island Convention Center, 552 A | **Conveners:**
Prof. Doreen Wackerroth, Prof. Sridhara Dasu

10:30-10:50

WW Cross Section Measurement and Limits on Anomalous TGCs with the ATLAS Detector

Speaker

Dr Haijun Yang

10:50-11:10

Search for WW/WZ in Lepton plus Neutrino plus Heavy Flavor Dijet Final States at CDF

Speaker

Federico Sforza

11:10-11:30

WZ Cross Section Measurement and Limits on Anomalous WWZ couplings with the ATLAS Detector at 7 TeV

Speaker

Mr Yusheng Wu

11:30-11:50

Diboson production in ppbar collisions at $\sqrt{s}=1.96$ TeV with the D0 detector

Speaker

Michael Cooke

11:50-12:10

Study of diboson production at CMS

Speaker

Kalanand Mishra

12:10-12:30

Measurement of the ZZ production cross section in proton-proton collisions at 7 TeV with the ATLAS detector

Speaker

Shih-Chieh Hsu

12:30