

Session Program

17-24 Jul 2013



**HEP 2013
Stockholm
18-24 July 2013**



EPS HEP 2013 Stockholm

Top and Electroweak Physics

KTH and Stockholm University Campus

Thursday 18 July

09:00

Top and Electroweak Physics

Session | **Location:** KTH Campus, F2

09:00–09:20

Electroweak measurements from W and Z/gamma* properties with the ATLAS detector

Speaker

Massimiliano Bellomo

09:20–09:40

W and Z boson production at CMS

Speaker

Sangeun Lee

09:40–10:00

Measurements of W/Z properties at the Tevatron

Speakers

Stefan Soldner-Rembold, Stefan Soldner-Rembold

10:00–10:15

Measurements with electroweak gauge bosons at LHCb

Speaker

Tara Shears

10:15–10:30

Elastic Z0 production at HERA

Speaker

Dr Junpei Maeda

10:35

11:00

Top and Electroweak Physics

Session | **Location:** KTH Campus, F2

11:00–11:20

Measurement of the mass of the W boson at DØ

Speaker

Tibor Kurca

11:20–11:35

Prospects in W mass measurement

Speaker

Alessandro Vicini

11:35–11:50

Testing the closure of the Standard Model: Tera-Z and Oku-W's at TLEP

Speaker

Alain Blondel

11:50–12:15

Vector-boson pair production at the LHC

Speaker

Tobias Kasprzik

12:15–12:30

Measurements of heavy flavour production in association with W and Z bosons with the ATLAS detector**Speaker**

Ben Cooper

12:30–12:45

W + Heavy Flavor Jet Measurements with CMS**Speaker**

Isabel Ojalvo

12:45–13:00

Measurement of vector boson plus photon production with the ATLAS detector and associated constraints on new physics**Speaker**

Louis Helary

13:05

14:30

Top and Electroweak Physics**Session** | **Location:** KTH Campus, F2

14:30–14:45

Vector boson plus photon production at CMS**Speaker**

Chia-Ming Kuo

14:45–15:00

Measurement of WW production with the ATLAS detector and constraints on associated triple gauge couplings**Speaker**

Jianbei Liu

15:00–15:15

Measurement of WZ production with the ATLAS detector and constraints on associated triple gauge couplings**Speaker**

Advait Neel Nagarkar

15:15–15:30

Measurement of ZZ production with the ATLAS detector and constraints on associated triple gauge couplings**Speaker**

Andrea Bocci

15:30–15:45

WW, WZ, and ZZ production at CMS**Speaker**

Jordi Duarte Campderros

15:45–16:00

Measurements of WW, ZZ cross section and search for anomalous quartic gauge couplings at D0**Speaker**

Sudeshna Banerjee

16:00

16:30

Top and Electroweak Physics

Session | **Location:** KTH Campus, F2

16:30–16:50 **NNLO top quark pair production**

Speaker

Paul Fiedler

16:50–17:10

Measurement of the inclusive top quark pair cross section in pp collisions at 7 and 8 TeV with the ATLAS detector

Speaker

Anna Henrichs

17:10–17:30

Measurement of the inclusive top quark pair cross section in pp collisions at 7 and 8 TeV with the CMS detector

Speaker

Michael Maes

18:00

Friday 19 July

09:00

Top and Electroweak Physics

Session | **Location:** KTH Campus, F2

09:00–09:15

Differential cross sections for top-pair and single-top production

Speaker

Nikolaos Kidonakis

09:15–09:35

Measurement of differential cross sections in top pair production in pp collisions with the CMS detector

Speaker

Philip Hugh Symonds

09:35–09:55

Measurement of differential cross sections in top pair production in pp collisions with the ATLAS detector

Speaker

Ford Garbersen

09:55–10:15

Inclusive and differential top quark production at the Tevatron

Speaker

Maria Veronica Sorin

10:15–10:30

$t\bar{t}b\bar{b}$ production at NLO accuracy matched with parton shower

Speaker

Zoltan Laszlo Trocsanyi

10:35

11:00

Top and Electroweak Physics

Session | **Location:** KTH Campus, F2

11:00–11:20

Top-quark Pair Production in a Running Mass Scheme

Speaker

Matthew Dowling

11:20–11:40

Top quark mass measurements in ATLAS

Speaker

Gabriele Compostella

11:40–12:00

CMS Measurements of the Top Quark Mass

Speaker

Dr Hartmut Stadie

12:00–12:20

Measurement of the top quark mass at the Tevatron

Speaker

Reinhild Peters

12:20–12:40

New approaches in determining the mass of the top quark: alternative techniques and differential measurements**Speaker**

Stijn Blyweert

12:40–13:00

Top quark mass measurements at and above threshold in e+e- collisions at Linear Colliders**Speaker**

Dr Philipp Roloff

13:00

14:30

Top and Electroweak Physics**Session** | **Location:** KTH Campus, F2

14:30–14:50

Measurement of the single top quark production cross section in pp collisions with the ATLAS detector**Speaker**

Attila Krasznahorkay

14:50–15:05

Measurement of t-channel single top quark production in pp collisions with the CMS detector**Speaker**

Alberto Orso Maria Iorio

15:05–15:20

Measurement of single top production in the tW-channel in pp collisions and search for FCNC with the CMS detector**Speaker**

Dr Gabriele Benelli

15:20–15:40

Single top quark production cross section at the Tevatron**Speaker**

Aran Garcia-Bellido Alvarez De Miranda

15:40–16:00

Search for Single-Top Production in ep Collisions at HERA**Speaker**

Stefano Antonelli

16:00–16:15

Top Decays with Flavor Changing Neutral Higgs Interactions at the LHC**Speaker**

Chung Kao

16:15–16:30

Probing for the $t \rightarrow ch$ decay at the LHC**Speaker**

George Wei-Shu HOU

16:30

17:00

Top and Electroweak Physics

Session | **Location:** KTH Campus, F2

17:00–17:20

Top quark properties studies at the Tevatron

Speaker

Sandra Leone

17:20–17:40

Measurement of intrinsic top quark properties (top mass, charge, top and W polarisation, and search for FCNC in top decays) with the ATLAS detector

Speaker

Lucia Masetti

17:40–18:00

Measurement of the properties of top quarks in decays (top quark and W polarization, top quark charge and couplings) with the CMS detector

Speaker

Dr Mara Senghi Soares

18:00–18:20

Top quark pair properties (spin correlations, charge asymmetry and complex final states) with the ATLAS detector

Speaker

Liza Mijovic

18:20–18:40

Measurements of the production properties of top quark pairs in pp collisions (includes charge asymmetry and spin correlations) with the CMS detector

Speaker

Tyler Mc Millan Dorland

18:40–19:00

Measurement of the charge asymmetry in top quark pair production at the Tevatron

Speakers

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19:20

Saturday 20 July

09:00

Top and Electroweak Physics

Session | **Location:** KTH Campus, F2

09:00–09:20 **Advanced nucleon EM structure model and its predictability**

Speaker

Stanislav Dubnicka

09:20–09:40

The QWeak Experiment: A measurement of the proton weak charge and up-down quark weak couplings.

Speaker

Michael Gericke

09:40–10:00

TOPLHCWG: combinations of top measurements at the LHC

Speaker

Markus Cristinziani

10:00–10:20

Review of electroweak fits of the SM and beyond, after the Higgs discovery -- with Gfitter

Speaker

Max Baak

10:35

11:00

Top and Electroweak Physics

Session | **Location:** KTH Campus, F2

11:00–11:20

Beam Polarisation and Triple Gauge Couplings in $ee \rightarrow WW$ at the ILC

Speaker

Jenny List

11:20–11:40

A precise determination of top quark electroweak couplings at the ILC operating at 500 GeV

Speaker

Roman Poeschl

11:40–12:00

Impact of beam polarization on the LC physics potential for the staged approach

Speaker

Gudrid Moortgat-Pick

12:00–12:20

New determination of the e^+e^- hadronic cross section below 1 GeV with KLOE

Speaker

Graziano Venanzoni

12:20–12:40

Four-loop on-shell integrals: \overline{MS} -- on-shell relation and $g-2$

13:00

Speaker

Peter Marquard

12:40–13:00

NLO merging in $t\bar{t}$ +jets

Speaker

Marek Schoenherr