

**Session Program**

**3-8 Jun 2018**

**Blois 2018: 30th Rencontres de Blois on  
"Particle Physics and Cosmology"**

***Parallel Session Higgs+Top+EW***

Gaston d'Orléans  
Château de Blois, Blois, Loire Valley, France

## Tuesday 5 June

16:30

### Parallel Session Higgs+Top+EW

Session | Convener: Massimiliano Grazzini

16:30-16:50 **Inclusive and differential W/Z measurements in ATLAS and CMS**

**Speaker**

Christian Gutschow

16:50-17:10 **Precision electroweak measurements at the Tevatron**

**Speaker**

Breese Quinn

17:10-17:30 **Theoretical uncertainties for the W-Boson Mass**

**Speaker**

Dr Giuseppe Bozzi

17:30-17:50 **Electroweak boson production with jets in CMS**

**Speaker**

Sandeep Kaur

17:50-18:10 **Tests of the electroweak sector in ATLAS**

**Speaker**

Andrew Pilkington

18:10-18:30 **VBF and VBS production in SM processes in ATLAS and CMS**

**Speaker**

Kenneth Long

18:30-18:50 **Multiboson production in ATLAS and CMS**

**Speaker**

Gabriella Pasztor

18:50-19:10 **Automation of NLO electroweak calculations**

**Speaker**

Jean-Nicolas Lang

19:10-19:30 **The Left-Right  $SU_L(2) \times SU_R(2)$  Model of Electroweak Interaction**

**Speaker**

Prof. Andrew Koshelkin

19:30

# Wednesday 6 June

14:00

## Parallel Session Higgs+Top+EW

Session | Convener: Stefan Guindon

14:00–14:20 **Theory status for hadronic top-quark pair production**

**Speaker**

Christian Schwinn

14:20–14:40  **$t\bar{t}$  pair production in ATLAS and CMS**

**Speaker**

Andrew Brinkerhoff

14:40–15:00 **Single top production in ATLAS and CMS**

**Speaker**

Carmen Garcia

15:00–15:20 **Top quark properties in ATLAS and CMS**

**Speaker**

Hongbo Liao

15:20–15:40

**Searches for flavor-changing neutral currents in top quark events in ATLAS**

**Speaker**

Nicola Orlando

15:40–16:00

**Anomalous top quark couplings, FCNC, and EFT interpretations in CMS**

**Speaker**

Gerrit Van Onsem

16:00

16:30

## Parallel Session Higgs+Top+EW

Session | Convener: Frank Petriello

16:30–16:50 **Top mass measurements in ATLAS and CMS**

**Speaker**

Marina Cobal

16:50–17:10 **B-hadron observables and top mass determination**

**Speaker**

Doojin Kim

17:10–17:30 **Results on  $t\bar{t}H$  production in ATLAS**

**Speaker**

Roberto Di Nardo

17:30–17:50 **Observation of  $t\bar{t}H$  production in CMS**

**Speaker**

Daniel Salerno

17:50-18:10

**Higgs Boson fermionic production and decay modes in ATLAS detector****Speaker**

Stephen Kam-Wah Chan

18:10-18:30

**Measurement of the Yukawa couplings of the Higgs boson in CMS****Speaker**

Marino Missiroli

18:30-18:50

**Measurement of cross sections and couplings of the Higgs Boson in bosonic decay channels in ATLAS****Speaker**

Remi Lafaye

18:50-19:10

**Searches for extended scalar sectors in CMS****Speaker**

Georgia Karapostoli

19:10-19:30

**Higgs pair production****Speaker**

Javier Mazzitelli

19:50