

**Session Program**

**31 August 2015 to 5 September 2015**

**The 3rd Annual Large Hadron Collider Physics  
Conference (LHCP2015)**

***Poster Session***

Corinthia Hotel, St. Petersburg

# Tuesday 1 September

18:30

## Poster Session

**Poster Session** | **Location:** Corinthia Hotel, St. Petersburg

### 09 - ATLAS: Jet energy and missing ET systematic uncertainties for early Run 2 data with the ATLAS detector

**Speaker**

Steve Alkire

### 27 - ATLAS: W and H->bb tagging in Run 1 and early Run 2 commissioning with the ATLAS detector

**Speaker**

Timothy Michael Bristow

### 12 - ATLAS: Muon reconstruction performance in ATLAS at Run-II

**Speaker**

Nicolas Koehler

### 04 - ATLAS: ATLAS tunes of the Pythia8 generator to measurements of ttbar production

**Speaker**

Simone Amoroso

### 05 - ATLAS: Alignment of the ATLAS Inner Detector in the LHC Run II

**Speaker**

Laura Barranco Navarro

### 28 - ATLAS: b-tagging performance during LHC Run-II with the Insertable B-layer (IBL)

**Speaker**

Yulia Rodina

### 14 - ATLAS: Research and Development for the ATLAS Forward Calorimetry at the HL-LHC

**Speaker**

Alexander Cheplakov

### 03 - ATLAS: ATLAS LAr Calorimeter Commissioning for LHC Run-2

**Speaker**

Clement Camincher

### 23 - ATLAS: The ATLAS Tile Calorimeter

**Speaker**

Sanya Solodkov

### 01 - ATLAS: A new read-out architecture for the ATLAS Tile Calorimeter Phase-II Upgrade

**Speaker**

Alberto Valero Biot

## **25 - ATLAS: The challenge of building large area, high precision small-strip Thin Gap Trigger Chambers for the upgrade of the ATLAS experiment**

### **Speaker**

Victor Maleev

## **24 - ATLAS: The ATLAS Trigger System: Ready for Run-2**

### **Speaker**

Junpei Maeda

## **22 - ATLAS: The ATLAS Data Flow System for Run 2**

### **Speaker**

Andrei Kazarov

## **11 - ATLAS: Measurement of the top-Yukawa coupling (Topping off the Higgs?)**

### **Speaker**

Jared Vasquez

## **29 - CMS: Angular analysis of the decay $B^0 \rightarrow K^* \mu \mu$ with the CMS detector**

### **Speaker**

Alessio Boletti

## **42 - CMS: Studies of Drell-Yan processes with CMS**

### **Speaker**

Ilya Gorbunov

## **40 - CMS: Searches for Microscopic Black Holes with CMS**

### **Speaker**

Mikhail Gavrilenko

## **30 - CMS: Azimuthal-angle decorrelations of jets widely separated in rapidity in pp collisions at $\sqrt{s} = 7$ TeV**

### **Speaker**

Ivan Pozdnyakov

## **43 - CMS: The first observation of the electroweak Z-boson production in association with two hadron jets by the CMS experiment at the LHC**

### **Speaker**

Vadim Oreshkin

## **39 - CMS: Search for the standard model Higgs boson produced by vector boson fusion and decaying to bottom quarks**

### **Speaker**

Giorgia Rauco

## **36 - CMS: Higgs To Two Photons In CMS**

### **Speaker**

Manuel Alejandro Olmedo Negrete

## **35 - CMS: First search for the associated production of a Higgs boson with a single top quark**

### **Speaker**

Benedikt Maier

## **38 - CMS: SUSY RPV two leptons searches**

**Speaker**

Daniel Francois Teyssier

**41 - CMS: Study of the CMS Phase 1 Pixel Pilot Blade Reconstruction****Speaker**

Tamas Almos Vami

**34 - CMS: First Performance measurements of the missing transverse momentum from proton-proton collisions with  $\sqrt{s}=13$  TeV data from the CMS Experiment****Speaker**

Raphael Marius Friesse

**32 - CMS: CMS Hadron Calorimetry status: commissioning and upgrade****Speaker**

Pavel Bunin

**33 - CMS: CMS endcap muon cathode strip chambers performance****Speaker**

Alexey Kamenev

**37 - CMS: Performance of Resistive Plate Chambers installed during the first long shutdown of the CMS experiment****Speaker**

Mehar Ali Shah

**31 - CMS: CMS Drift Tubes performance****Speaker**

Daniel Francois Teyssier

**50 - ALICE: Performance of the ALICE/PHOS in the LHC Run1****Speaker**

Mikhail Ippolitov

**51 - ALICE:  $\pi^0$ -hadron correlations in p-Pb and Pb-Pb collisions at LHC energies****Speaker**

Daniil Ponomarenko

**49 - ALICE: Neutral pion production in pp and Pb-Pb collisions at LHC energies****Speaker**

Dmitry Blau

**48 - ALICE: Direct photon spectrum and flow in pp and Pb-Pb collisions at  $\sqrt{s_{NN}}=2.76$  TeV****Speaker**

Dmitri Peresunko

**52 - ALICE: Short- and long-range multiplicity correlations in pp collisions with the ALICE detector****Speaker**

Dr Grigori Feofilov

**57 - Theory: Single top quark production in heavy ion collisions at the LHC**

**Speaker**

Alexey Baskakov

**53 - Theory: Discovering New Physics with Voronoi Tessellations****Speaker**

Dipsikha Debnath

**55 - Theory: Holographic estimates of the deconfinement temperature****Speakers**

Alisa Katanaeva, Sergey Afonin

**54 - Theory: High Eergy pp Collisions in Additive Quark Model****Speaker**

Andrey Shuvaev

**58 - The layout and expected cleaning for the first crystal-assisted collimation experiment at the LHC****Speaker**

Walter Scandale

**56 - Theory: Naturalness, Renormalization Group and the Scale of New Physics****Speaker**

Dr Grigory Pivovarov

**47 - LHCb: Updated measurement of  $Y(nS)$  production cross-section at  $\sqrt{s} = 7$  and 8 TeV****Speaker**

Alexander Artamonov

**45 - LHCb: LHCb's Real-Time Alignment in Run2****Speaker**

Varvara Batozskaya

**46 - LHCb: SciFi production center in NRC KI for LHCb upgrade****Speaker**

Vladimir Shevchenko

**44 - LHCb: LHCb topological trigger reoptimization and further improvements****Speaker**

Andrey Ustyuzhanin

**02 - ATLAS: A tool to determine the Jet Vertex Charge at ATLAS****Speaker**

Snezana Nektarijevic

**21 - ATLAS: Study of the  $B_c^+ \rightarrow J/\psi D_s^+$  and  $B_c^+ \rightarrow J/\psi D_s^{*+}$  decays with the ATLAS detector****Speaker**

Semen Turchikhin

**07 - ATLAS: Flavour tagged time dependent angular analysis of the  $B_s \rightarrow J/\psi \phi$  decay on Run 1 data in ATLAS**

**Speaker**

Artem Maevskiy

**10 - ATLAS: Measurement of associated  $t\bar{t}Z$  production in multi-lepton final states****Speaker**

Kaven Henry Yau Wong

**15 - ATLAS: Search for direct top-squark pair production in final states with two  $\tau$  leptons in pp collisions with the ATLAS detector****Speaker**

Hasib Ahmed

**18 - ATLAS: Search for quantum black holes using pp collisions at  $\sqrt{s} = 8$  TeV and expected sensitivity at  $\sqrt{s} = 13$  TeV with the ATLAS****Speaker**

Zoya Karpova

**16 - ATLAS: Search for heavy charged vector bosons decaying to a charged lepton and a neutrino with the ATLAS experiment****Speaker**

Victor Solovyev

**19 - ATLAS: Search for scalar leptoquarks in pp collisions at  $\sqrt{s} = 8$  TeV with ATLAS detector****Speaker**

Andrey Kamenshchikov

**20 - ATLAS: Semileptonic WW/WZ resonance search at  $\sqrt{s} = 8$  TeV with the ATLAS detector at the LHC****Speaker**

Evgeniya Cheremushkina

**17 - ATLAS: Search for new physics in final states with an energetic jet plus missing transverse energy with the ATLAS detector at the LHC****Speaker**

Giuliano Gustavino

**08 - ATLAS: Identification and energy calibration of hadronically decaying tau leptons with the ATLAS experiment in  $\sqrt{s} = 8$  TeV****Speaker**

Aleksey Soloshenko

**13 - ATLAS: Photons in ATLAS: from Run1 to Run2****Speaker**

Mikhail Levchenko

**06 - ATLAS: Electrons in ATLAS: from Run1 to Run2****Speaker**

Aleksei Ezhilov

**26 - ATLAS: Top tagging in Run 1 and early Run 2 commissioning with the ATLAS detector**

20:00

**Speaker**

Lidija Zivkovic