

## **Session Program**

Mar 12 – 19, 2016



# **51st Rencontres de Moriond EW 2016**

## ***Young Scientist Forum***

# Sun, March 13

7:50 PM

## Young Scientist Forum: #1

Session

7:50 – 7:55 PM Precision Measurement of  $B(B0 \rightarrow D^* \pi^+ \pi^- \pi^+)$  at BABAR

Speaker

Dr Rocky So

7:57 – 8:02 PM Status and prospects of the Belle II experiment

Speaker

Luka Santelj

8:04 – 8:09 PM Direct CP violation searches using prompt 2-body charm decays at LHCb

Speaker

Mr Andreas Weiden

8:11 – 8:16 PM Global constraints on heavy neutrino mixing

Speaker

Mr Josu Hernandez-Garcia

8:30 PM

# Mon, March 14

7:30 PM

## Young Scientist Forum: #2

Session

7:30 – 7:35 PM **First observation of  $\Lambda_b \rightarrow \Lambda K^+ \pi^-$  and  $\Lambda_b \rightarrow \Lambda K^+ K^-$  decays at LHCb**

**Speaker**

Daniel O'Hanlon

7:37 – 7:42 PM **Neutrino Oscillation Physics Potential of A Possible Extension of The T2K Experiment**

**Speaker**

Dr Son Cao

7:44 – 7:49 PM **b-hadron production asymmetries at LHCb**

**Speaker**

Mr Fabio Ferrari

7:51 – 7:56 PM **Opportunities with (semi)leptonic rare charm decays**

**Speaker**

Stefan de Boer

7:58 – 8:03 PM **Neutron EDM and its implications for HEP**

**Speaker**

Mr Yoann Kermaidic

8:05 – 8:10 PM **On the study of solar flares with neutrino observatories.**

**Speaker**

Mrs Gwenhaël de Wasseige

8:30 PM

# Tue, March 15

7:45 PM

## Young Scientist Forum: #3

Session

7:45 – 7:50 PM

### Measurements of $Z\gamma$ and $Z\gamma\gamma$ Production in pp Collisions at 8 TeV with the ATLAS Detector

Speaker

Mr Evgeny Soldatov

7:52 – 7:57 PM

### Confronting the improvements to track reconstruction algorithms for the ATLAS Inner Detector with Run-2 data from the LHC

Speaker

Mr Roland Jansky

7:59 – 8:04 PM

### Totally asymptotically free trinification

Speaker

Mr Giulio Maria Pelaggi

8:06 – 8:11 PM

### Vertex identification in the search for the Higgs boson decaying to two photons

Speaker

Ms Inna Kucher

8:13 – 8:18 PM

### Probing Neutrino Mass Models with Trilepton Events at the LHC

Speaker

Ms DOUNIA CHERIGUI

8:30 PM

## Wed, March 16

7:40 PM

### Young Scientist Forum: #4

Session

7:40 – 7:45 PM Search for A to Zh(bb) in ATLAS at 13 TeV

Speaker

Mr Carlo Pandini

7:47 – 7:52 PM Linear sigma model for the composite H -- experimental tests

Speaker

Sara Saa

7:54 – 7:59 PM Search for heavy fermionic top partners decaying to same-sign dileptons at 13 TeV

Speaker

Mr Clint Richardson

8:01 PM

## Fri, March 18

7:40 PM

### Young Scientist Forum: #5

Session

7:40 – 7:45 PM

**An Inclusive Search for Supersymmetry in the CMS Experiment: Challenges and Methods for the All-Hadronic Jets + MET Final State**

Speaker

Mr John Bradmiller-Feld

7:47 – 7:52 PM

**A Search for Monoenergetic Neutrinos from Dark Matter Decay**

Speaker

Ms Chaimae EL AISATI

7:54 – 7:59 PM

**Non-linear H portal to Dark Matter**

Speaker

Mrs Rocío del Rey Bajo

8:01 – 8:06 PM

**Probing Neutrino Mass Models at the LHC through  $pp \rightarrow l^+ l^- + E_{\text{miss}}$**

Speakers

Mrs chahrazed guella, Ms dounia cherigui

8:30 PM