

## **Session Program**

**3-7 Apr 2017**



# **25th International Workshop on Deep Inelastic Scattering and Related Topics**

## ***WG7 Future of DIS***

University of Birmingham, School of Physics and Astronomy  
Edgbaston Birmingham B15 2TT United Kingdom

# Tuesday 4 April

14:00

## WG7 Future of DIS

Session | Location: Nuffield Building G13

14:00-14:25 **High-x at EIC**

**Speaker**

Rikutarō Yoshida

14:25-14:50 **PDFs at the LHeC**

**Speakers**

Amanda Sarkar, amanda sarkar

14:50-15:15 **PDFs at the FCC-eh, and  $\alpha_s$  at the LHeC**

**Speaker**

Claire Gwenlan

15:30

16:00

## WG7 Future of DIS

Session | Location: Nuffield Building G13

16:00-16:20 **Status and Physics of the SHiP experiment at CERN**

**Speakers**

Annarita Buonauro, Annarita Buonauro, Annarita Buonauro, Annarita Buonauro

16:20-16:40

**Advancing the precision of proton-proton and proton-nucleus collision studies with A Fixed-Target Experiment at the LHC (AFTER@LHC)**

**Speaker**

Jean-Philippe Lansberg

16:40-17:00 **COMPASS**

**Speakers**

Andrea Ferrero, Andrea Ferrero, Andrea Ferrero

17:00-17:20 **Future Plans at Jefferson Lab: 12 GeV CEBAF Upgrade**

**Speaker**

Allison Lung

17:20-17:40 **DUNE, MINERVA, HK**

**Speakers**

Constantinos Andreopoulos, Costas Andreopoulos

17:40-18:00 **Neutrino-nucleus scattering at nuSTORM**

18:01

## Wednesday 5 April

09:00

### WG7 Future of DIS

Session | Location: Nuffield Building G13

**09:00–09:20 Higgs physics programme at the High-Luminosity LHC with ATLAS**

**Speaker**

Stephane Jezequel

**09:20–09:40 SM Higgs at the LHeC**

**Speaker**

Masahiro Tanaka

**09:40–09:55 BSM Higgs and Di-Higgs Physics at the LHeC and FCC-eh**

**Speaker**

Mukesh Kumar

**09:55–10:10**

**Searching for doubly-charged Higgs bosons in the Georgi-Machacek model at the LHeC**

**Speaker**

Hao Sun

**10:10–10:30 Seaches for Sterile Neutrinos at Future ep Colliders**

**Speaker**

Oliver Fischer

10:30

11:00

### WG7 Future of DIS

Session | Location: Nuffield Building G13

**11:00–11:30 EIC realisation plans**

**Speaker**

Rolf Ent

**11:30–11:50 LHeC and FCC-eh**

**Speaker**

Dario Pellegrini

**11:50–12:10 A very high energy electron-proton collider**

**Speaker**

Matthew Wing

**12:10–12:30 Future Colliders in China and ep**

**Speaker**

Joao Barreiro Guimaraes Da Costa

13:00

14:00

### WG7 Future of DIS

**Session** | **Location:** Nuffield Building G13

**14:00-14:20 QCD at ee**

**Speakers**

David d'Enterria, David d'Enterria

**14:20-14:40**

**Precision constraints on the top-quark effective field theory at future lepton colliders**

**Speaker**

Gauthier Durieux

**14:40-15:00 Top quark physics at the LHeC**

**Speakers**

Hao Sun, Dr Hao Sun, hao sun

**15:00-15:20 Precision electroweak at the LHeC**

**Speakers**

Daniel Britzger, Daniel Britzger

15:30

16:00

**WG7 Future of DIS**

**Session** | **Location:** Nuffield Building G13

**16:00-16:20 JLEIC Detector**

**Speaker**

Rolf Ent

**16:20-16:40 LHeC and FCC-eh**

**Speaker**

Max Klein

**16:40-17:00**

**The sPHENIX Detector: The Future of Heavy-Ion Collisions at RHIC, and a Foundation for an EIC Detector**

**17:00-17:20**

**Expected Performance of the ATLAS Inner Tracker at the High-Luminosity LHC**

**Speaker**

Noemi Calace

**17:20-17:40**

**The ATLAS Tile Calorimeter, its performance with 13 TeV proton-proton collisions, and its upgrades for the high luminosity LHC.**

**Speaker**

Jeff Dandoy

18:00

# Thursday 6 April

09:00

## WG7 Future of DIS

Session | Location: Nuffield Building G13

### 09:00–09:30 Nuclear Physics in eA

**Speaker**

Nestor Armesto Perez

### 09:30–09:50 Diffraction (LHeC and EIC)

**Speaker**

Paul Richard Newman

### 09:50–10:10 Nuclear Parton Distributions at the future Electron-Ion Collider

**Speaker**

Salvatore Fazio

### 10:10–10:30 Nuclear PDFs (LHeC)

**Speakers**

Hannu Paukkunen, Hannu Paukkunen

10:30