

## **Session Program**

**22-26 Apr 2013**



# **XXI International Workshop on Deep-Inelastic Scattering and Related Subjects**

## ***WG7: Future experiments***

Marseille, Parc Chanot, Palais des Congrès  
Rond Point du Prado 13006 Marseille, France

## Wednesday 24 April

08:30

### WG7: Future experiments: LHC/RHIC detector upgrades and fixed-target experiments at CERN

**Session** | **Location:** Palais des Congrès, Endoume 1 | **Conveners:**

Nestor Armesto Perez, Franck Sabatié, Dr Armen Buniatyan

08:30–09:00

#### Upgrade and physics prospects of ALICE

**Speaker**

Levente Molnar

09:00–09:30

#### ATLAS Upgrades Towards the High Luminosity LHC: extending the discovery potential

**Speaker**

Silvia Miglioranza

09:30–10:00

#### The LHCb upgrade

**Speaker**

Umberto Marconi

10:00–10:30

#### PHENIX detector upgrades for enhanced physics programs

**Speaker**

Yuji Goto

10:30–11:00

#### Coffee break

11:00–11:25

#### AFTER@LHC: A Fixed-Target Experiment at the LHC

**Speakers**

Andry Rakotozafindrabe, Cynthia Hadjidakis

11:25–11:50

#### Prospects for $K \rightarrow p + \pi^0$ observation at CERN

**Speaker**

Antonio Cassese

11:50–12:15

#### CHIC (Charm in Heavy Ion Collisions): An experiment to measure charm production at the CERN SPS

**Speaker**

Frédéric Fleuret

12:15–12:40

#### Future GPD measurements using COMPASS at CERN

**Speaker**

Etienne Burtin

12:40

14:00

### WG7: Future experiments: LHeC/EICs, part #1

**Session** | **Location:** Palais des Congrès, Endoume 1

14:00–14:30

#### Prospects for the LHeC

**Speaker**

Max Klein

14:30-14:55

**The LHeC accelerator system****Speaker**

Oliver Bruening

14:55-15:20

**The LHeC detector****Speaker**

Dr David South

15:20-15:45

**eRHIC: New Technology Frontiers in machine, IR and detector design****Speaker**

elke-caroline Aschenauer

15:45-16:05

**Process dependence and Sivers effect-SIDIS and inclusive jet production****Speaker**

Dr Alexei Prokudin

16:05-16:35

**Coffee break**

16:35-17:05

**Status of MEIC Design Studies****Speaker**

Dr Yuhong Zhang

17:05-17:30

**Physics capabilities at the MEIC at JLab****Speaker**

Pawel Nadel-Turonski

17:55

## Thursday 25 April

08:50

### WG7: Future experiments: EIC/LHeC, part #2

**Session** | **Location:** Palais des Congrès, Endoume 1 | **Conveners:**  
Dr Armen Buniatyan, Franck Sabatié, Nestor Armesto Perez

#### 08:50-09:15 A detailed study of the nucleus at an Electron-Ion Collider

**Speaker**  
Matthew Lamont

#### 09:15-09:40 Looking at the photoproduction of massive gauge bosons at the LHeC

**Speaker**  
Prof. Magno Machado

#### 09:40-10:05 Low-x Physics at the LHeC

**Speaker**  
Nestor Armesto Perez

#### 10:05-10:30 Physics of the Higgs boson at the LHeC

**Speaker**  
Bruce Mellado Garcia

#### 10:30-11:00 Coffee break

#### 11:00-11:25 Detailed studies of neutrino-nucleus scattering with nuSTORM

**Speaker**  
Ian Taylor

#### 11:25-11:50 ePHENIX at eRHIC

**Speaker**  
Klaus Dehmelt

#### 11:50-12:10 DPHEP: From Study Group to Collaboration

**Speaker**  
Dr David South

#### 12:10-12:30 Exploring Confinement at CERN

**Speaker**  
Mieczyslaw Witold Krasny

12:30