

Session Program

19-23 Apr 2010

DIS10, XVIII International Workshop on Deep Inelastic Scattering and Related Subjects

Future of DIS

Florence, Italy, Convitto della Calza
Piazza della Calza 6, 50125 Firenze

Tuesday 20 April

09:00

Future of DIS: Session 1 - Empty

Session | **Location:** Florence, Italy, Convitto della Calza, Piazza della Calza 6, 50125 Firenze

10:45

11:15

Future of DIS: Session 2: Empty

Session | **Location:** Florence, Italy, Convitto della Calza, Piazza della Calza 6, 50125 Firenze

13:00

14:00

Future of DIS: Session 3 - EIC and Drell Yan

Session | **Location:** Florence, Italy, Pitti, Piazza della Calza 6, 50125 Firenze

14:00–14:25

Polarized Drell-Yan experiments at RHIC and J-PARC

Speaker

Yuji Goto

14:25–14:55

The Physics and the Status of US EIC: an overview

Speaker

Abhay Deshpande

14:55–15:20

Challenges and Opportunities at Large x

Speaker

Cynthia Keppel

15:20–15:45

Physics with nuclei at EIC

Speaker

Will Brooks

15:45

16:15

Future of DIS: Session 4 - Colliders Detectors and Drell Yan

Session | **Location:** Florence, Italy, Pitti, Piazza della Calza 6, 50125 Firenze

16:15–16:45

Detector Design for the LHeC - Some Instrumentation Alternatives

Speakers

Peter Kostka, Dr Peter Kostka

16:45–17:10

Future Phenix Calometry and Trigger Upgrades

Speaker

Anselm Vossen

17:10–17:35

Measuring the flavor asymmetry in the sea quarks of the proton

Speaker

Paul Reimer

17:35–18:00

Future COMPASS Drell-Yan experiment

Speaker

Oleg Denisov

18:00

Wednesday 21 April

09:00

Future of DIS: Session 5 - Nucleon structure, experiments

Session | **Location:** Florence, Italy, Santa Croce, Piazza della Calza 6, 50125 Firenze

09:00–09:25 **A study of detector options for (M)eRHIC**

Speaker

Matthew Lamont

09:25–09:55

The HERMES Recoil Detector: Commissioning Status and Analyses Prospects

Speaker

Alberto Martinez De La Ossa Romero

09:55–10:20

Semi-inclusive DIS at small x , TMD parton distributions and saturation.

Speaker

Cyrille Marquet

10:20–10:45

The MINERvA Experiment: Neutrino Cross sections

Speaker

Heidi Schellman

10:45

11:15

Future of DIS: Session 6 - Physics at the LHeC

Session | **Location:** Florence, Italy, Santa Croce, Piazza della Calza 6, 50125 Firenze

11:15–11:45 **QCD at the LHeC**

Speaker

Olaf Behnke

11:45–12:10

Small- x physics at the LHeC

Speaker

Nestor Armesto Perez

12:10–12:35

Forward jets at LHeC

Speaker

Krzysztof Kutak

12:35–13:00

LHeC impact on PDF determination

Speaker

Juan Rojo

13:00

14:00

Future of DIS: Session 7 - Polarized and TMDs

Session | **Location:** Florence, Italy, Santa Croce, Piazza della Calza 6, 50125 Firenze

14:00–14:25

The low- x programme at an Electron-Ion Collider

Speaker

Matthew Lamont

14:25–14:55

Prospects for a DVCS measurement at COMPASS

Speaker

Eva-Maria Kabuss

14:55–15:20

Final state interactions T-odd TMDs and the transverse structure of hadrons

Speaker

Leonard Gamberg

15:20–15:45

The PHENIX silicon vertex trackers

Speaker

Akitomo Enokizono

15:45

Thursday 22 April

09:00

Future of DIS: Session 9 - Accelerators

Session | **Location:** Florence, Italy, Pitti, Piazza della Calza 6, 50125 Firenze

09:00–09:30 eRHIC Machine Design Status

Speaker

Ilan Ben-Zvi

09:30–09:55 Design Status of the Large Hadron-Electron Collider

Speaker

Dr John Jowett

09:55–10:20 Luminosity Measurement at the LHeC

Speaker

Sergey Levonian

10:20–10:45 A High-Luminosity Medium-Energy Electron-Ion Collider at CEBAF

Speaker

Kees de Jager

10:45