

Session Program

Apr 16 - 20, 2018



XXVI International Workshop on Deep Inelastic Scattering and Related Subjects

WG7: Future of DIS

Kobe University Convention Centre / Kobe International Conference Center
7-1-48, Minatojima-Minami-machi, Chuo-ku, Kobe, 657-0047, JAPAN

Tue, April 17

9:00 AM

WG7: Future of DIS

Session | Location: 501

09:00 - 09:40 **Overview of EIC physics goals**

Speaker

Dr Jianwei Qiu

09:40 - 10:10 **VHEeP: A very high energy electron--proton collider**

Speaker

Allen Christopher Caldwell

10:10 - 10:35 **Pion and Kaon Structure Functions at EIC**

Speaker

Rolf Ent

10:35 - 11:00

A Fixed-Target Program at the LHC (AFTER@LHC): where do we stand ?

Speaker

Jean-Philippe Lansberg

11:00 AM

11:30 AM

WG7: Future of DIS: Session 1

Session | Location: 501

11:30 - 11:48 **eRHIC - an electron - Ion collider at BNL**

Speaker

elke-caroline Aschenauer

11:48 - 12:06 **Status of JLEIC and its interaction region design**

Speaker

V.S. Morozov

12:06 - 12:24 **Electron Ion Collider in China**

Speaker

Xurong Chen

12:24 - 12:42 **TOPSiDE: A detector concept for the EIC**

Speaker

Jose Repond

12:42 - 13:00

Medium-energy Nuclear Physics at RHIC with sPHENIX and an sPHENIX Forward Upgrade

Speaker

Dr itaru nakagawa

1:00 PM

4:30 PM

WG7: Future of DIS: discussion for document preparation for European Strategy Update for Particle Physics

Session | Location: 501

16:30 - 16:40

Discussion for European Strategy Update for Particle Physics (ESUPP): Introduction**Speaker**

Aharon Levy

16:40 - 16:50

The case for EIC**Speaker**

Bernd Surrow

16:50 - 17:00

The case for LHeC**Speaker**

Max Klein

17:00 - 17:10

The case for VHEp**Speaker**

Allen Christopher Caldwell

17:10 - 17:20

The case for FCC**Speaker**

David d'Enterria

17:20 - 17:30

QCD theory addressed in the above facilities**Speaker**

Jianwei Qiu

17:30 - 17:40

Heavy Ion Theory addressed in the above facilities**Speaker**

Nestor Armesto Perez

17:40 - 19:00

Contributions, comments, and questions from audience**Speaker**

Aharon Levy

7:00 PM

Wed, April 18

9:00 AM

WG7: Future of DIS: Session 3

Session | Location: 505

09:00 - 09:30 **The Science and Status of the US EIC**

Speaker

Abhay Deshpande

09:30 - 09:48

Di-jets the Path to the (un)polarized Partonic Photon Structure at an EIC

Speaker

Mrs Chu Xiaoxuan

09:48 - 10:06

Coherent vector meson production at an electron ion collider

Speaker

Michael Lomnitz

10:06 - 10:24

A space-time analysis of semi-inclusive deep inelastic scattering on nuclei

Speaker

Mr Jorge Andres Lopez Lopez

10:24 - 10:42

Next-generation neutron structure measurements with spectator tagging at EIC

Speaker

Charles Hyde

10:42 - 11:00

Heavy flavor production and large-x nuclear gluons at EIC

Speaker

Yulia Furltova

11:00 AM

11:30 AM

WG7: Future of DIS: Session 4

Session | Location: 505

11:30 - 12:00 **A Summary of the EIC Detector R&D Program**

Speaker

Yordanka Ilieva

12:00 - 12:18

Polarisation measurements for hadron beams in colliders.

Speaker

elke-caroline Aschenauer

12:18 - 12:36

Geometry tagging for heavy ions at JLEIC

Speaker

V.S. Morozov

12:36 - 13:00

Polarized positron beam perspectives for DIS studies

1:00 PM	<p>Speaker Eric Voutier</p>
2:00 PM	<p>WG7: Future of DIS: Session 5 Session Location: 505</p>
	<p>14:00 - 14:45 Energy frontier DIS at CERN: the LHeC and the FCC-eh, PERLE</p> <p>Speaker Gianluigi Arduini</p>
	<p>14:45 - 15:10 Future of Nuclear PDFs</p> <p>Speaker Nestor Armesto Perez</p>
	<p>15:10 - 15:35 PDFs and alpha_s Measurements</p> <p>Speaker Claire Gwenlan</p>
	<p>15:35 - 16:00 Small-x physics and diffraction at the LHeC and the FCC-eh</p> <p>Speaker Paul Richard Newman</p>
4:00 PM	
4:30 PM	<p>WG7: Future of DIS: Session 6 Session Location: 505</p>
	<p>16:30 - 16:54 COMPASS facility beyond 2020</p> <p>Speaker Barbara Badelek</p>
	<p>16:54 - 17:18 The future DIS program in Jefferson Lab's Halls A and C</p> <p>Speaker Andrew Puckett</p>
	<p>17:18 - 17:42 Future of 3D Imaging at Jefferson Lab</p> <p>Speaker Stephen Bueltmann</p>
	<p>17:42 - 18:00</p> <p>Nuclear medium studies using DIS experiments with CLAS/CLAS12 at JLab, present and future</p> <p>Speaker Prof. Hayk Hakobyan</p>
6:00 PM	

Thu, April 19

9:00 AM

WG7: Future of DIS: Session 7

Session | Location: 502

09:00 - 09:24 **QCD Jets in DIS**

Speaker

Felix Ringer

09:24 - 09:48 **Electroweak physics at FCC-eh and LHeC**

Speaker

Max Klein

09:48 - 10:12 **TOP Production at the LHeC and FCC-he**

Speaker

Dr Hao Sun

Subcontributions

Direct Measurement of V_{td} and V_{ts} through electron proton collisions

Speaker

Mr Hao Sun

10:12 - 10:36 **Higgs physics at the LHeC and the FCC-eh**

Speaker

Uta Klein

10:36 - 11:00 **BSM physics at the LHeC and the FCC-eh**

Speaker

José Francisco Zurita

11:00 AM

11:20 AM

WG7: Future of DIS: Session 8

Session | Location: 502

11:20 - 11:40 **Status of the BELLE II experiment and early physics program**

Speaker

Takeo Higuchi

11:40 - 12:00 **Physics at the Compact Linear Collider (CLIC)**

Speaker

Pawel Sopicki

12:00 - 12:20

Direct Measurement of V_{td} and V_{ts} through electron proton collisions

Speaker

Mr Hao Sun

12:40 PM