

Session Program

3-7 Feb 2020



Correlations in Partonic and Hadronic Interactions - 2020 (CPHI-2020)

Morning

CERN, 774/R-013

Monday 3 February

09:00

Morning: Session 1

Session | **Location:** CERN, 774/R-013 | **Convener:** Franco Bradamante

09:00–09:20 **Welcome**

Speaker

Eckhard Elsen

09:20–09:45 **Extraction of unpolarized TMDs: successes and problems**

Speaker

Prof. Alessandro Bacchetta

09:45–10:10

The transverse spin structure of the nucleon: overview and perspectives of COMPASS SIDIS measurements

Speaker

Anna Martin

10:10–10:35 **The Jefferson Lab TMD Studies at 12 GeV**

Speaker

Patrizia Rossi

10:35–11:00 **Recent Results from RHIC: Cold QCD & Spin**

Speaker

Dr Oleg Eysen

11:00

11:20

Morning: Session 2

Session | **Location:** CERN, 774/R-013 | **Convener:** Harut Avakian

11:20–11:45 **Helicity Distributions and OAM at Small x**

Speaker

Prof. Yuri Kovchegov

11:45–12:10

The origin of single transverse-spin asymmetries in high-energy collisions

Speaker

Alexey Prokudin

12:10–12:35

Recent HERMES results on polarized semi-inclusive deep-inelastic scattering

Speaker

Gunar Schnell

12:35

Tuesday 4 February

09:00

Morning: Session 1

Session | **Location:** CERN, 774/R-013 | **Convener:** Patrizia Rossi

09:00–09:25

Transverse momentum weighted transverse spin asymmetries at COMPASS

Speaker

Jan Matousek

09:25–09:50

Dihadron beam-spin asymmetries at CLAS12

Speaker

Timothy Hayward

09:50–10:15

SIDIS Single Pion Beam Spin Asymmetry measurements with CLAS 12

Speaker

Dr Stefan Diehl

10:15–10:40

Transverse Single Spin Asymmetries in the $pp \rightarrow p\pi^0 X$ Process at STAR

Speaker

Christopher Dilks

10:40

11:10

Morning: Session 2

Session | **Location:** CERN, 774/R-013 | **Convener:** Anna Martin

11:10–11:35

Inclusion of vector meson production in the Monte Carlo simulation of polarized quark fragmentation

Speaker

Albi Kerbizi

11:35–12:00

Two-Photon-Exchange Corrections to SIDIS

Speaker

Prof. Andrei Afanasev

12:00–12:25

Radiative corrections in polarized SIDIS

Speaker

Alexander Ilyichev

12:25

Wednesday 5 February

09:00

Morning: Session 1

Session | **Location:** CERN, 774/R-013 | **Convener:** Charlotte Van Hulse

09:00–09:25 **Mechanical properties of particles**

Speaker

Maxim V. Polyakov

09:25–09:50 **overview of the COMPASS GPD program**

Speaker

Dr Nicole d'Hose

09:50–10:15 **Challenges in Nuclear Femtography**

Speaker

latifa Elouadrhiri

10:15–10:40 **Study of GPDs at HERMES**

Speaker

Prof. Hrachya Marukyan

10:40

11:00

Morning: Session 2

Session | **Location:** CERN, 774/R-013 | **Convener:** Gerhard Mallot

11:00–11:25 **Chiral Odd GPDs**

Speaker

Gary Goldstein

11:25–11:50 **Studies of Transversity GPDs**

Speaker

Valery Kubarovsky

11:50–12:15 **The proton charge radius from the PRad experiment**

Speaker

Prof. Haiyan Gao

12:15–12:40 **Proton radius with COMPASS++/AMBER**

Speaker

Jan Friedrich

12:40

Thursday 6 February

09:00

Morning: Session 1

Session | **Location:** CERN, 774/R-013 | **Convener:** Alexey Vladimirov

09:00–09:25 **Large Transverse Momentum**

Speaker

Dr Ted Rogers

09:25–09:50 **TMDs and collinear twist-3 functions in the CSS formalism**

Speaker

Leonard Gamberg

09:50–10:15

Comparing single spin asymmetries in hadronic and heavy-ion collisions

Speaker

Oleg Teryaev

10:15–10:40 **Hadron structure and dynamics in Minkowski space**

Speaker

Tobias Frederico

10:40

11:10

Morning: Session 2

Session | **Location:** CERN, 774/R-013 | **Convener:** Leonard Gamberg

11:10–11:35 **QCD factorization and hadron production near threshold**

Speaker

Dr Jianwei Qiu

11:35–12:00 **The spin content of the nucleon sea**

Speaker

Prof. Bo-Qiang Ma

12:00–12:25 **The Strong Conjecture for Confinement**

Speaker

Prof. Dennis Sivers

12:25

Friday 7 February

09:00

Morning: Session 1

Session | **Location:** CERN, 774/R-013 | **Convener:** Alexey Prokudin

09:00–09:25

EIC: the science program and machine designs

Speaker

Robert McKeown

09:25–09:50

The LHCspin project

Speaker

Dr Pasquale Di Nezza

09:50–10:15

Physics with charmonia at the SPD and AMBER experiments

Speaker

Igor Denisenko

10:15–10:40

Probing Gluon Sivers Function in J/Psi Production at EIC

Speaker

Dr Asmita Mukherjee

10:40

11:10

Morning: Session 2

Session | **Location:** CERN, 774/R-013 | **Convener:** Marco Contalbrigo

11:10–11:35

Advancing hadronization: From inclusive production to multiparticle correlations

Speaker

Christine Aidala

11:35–12:00

Concluding remarks

Speaker

Franco Bradamante

12:00–12:25

From the QCD Lagrangian to Hadron Structure and Interactions: A 55-Year Experience

Speaker

Stanley J. Brodsky

12:50