Session Program

October 31, 2023 to November 4, 2023

EINN2023

Conference talks

Tue, October 31

9:00 AM

Conference talks

Session | **Convener:** Chair: B. Pasquini

9:00 – 9:10 AM **Opening**

Speaker
Barbara Pasquini

9:10 – 9:50 AM **Experimental Perspectives on Electromagnetic Hadron Physics**

Speaker
Zein-Eddine Meziani

9:50 – 10:30 AM **Theory Perspectives on Electromagnetic Hadron Physics**

Speaker
Markus Diehl

10:30 AM

11:00 AM

Conference talks

Session | **Convener:** Chair: C. Alexandrou

11:00 – 11:30 AM

Recent measurement and experimental prospects of the Muon g-2 experiment at Fermilab

Speaker
Dr Elia Bottalico

11:30 AM – 12:00 PM

Leading hadronic contribution to the muon magnetic moment from lattice QCD

Speaker
Zoltan Fodor

12:00 – 12:30 PM **New measurements of the gluonic gravitational form factors**

Speaker
Sylvester Joosten

12:30 PM

Wed, November 1

9:00 AM

Conference talks

Session | **Convener:** Chair: B. Surrow

9:00 – 9:30 AM **Precision experiments at the MESA accelerator**

Speaker
Achim Denig

9:30 – 10:00 AM **Dark matter search via positron's interactions**

Speaker
Paola Gianotti

10:00 – 10:30 AM
Probing nucleon spin structure - Recent advances in spin-physics measurements

Speaker
Caroline Riedl

10:30 AM

11:00 AM

Conference talks

Session | **Convener:** Chair: V. Bertone

11:00 – 11:30 AM **Nucleon PDFs: precision meets replicability**

Speaker
Pavel Nadolsky

11:30 AM – 12:00 PM
Theoretical interpretation of experimental tests of fundamental symmetries in QCD

Speaker
Michael Ramsey-Musolf

12:00 – 12:30 PM
Electroweak structure of light nuclei and its implication for neutrino scattering

Speaker
saori pastore

12:30 PM

Thu, November 2

9:00 AM

Conference talks

Session | **Convener:** Chair: M. Constantinou

9:00 – 9:30 AM **3D Nucleon Structure: GPDs and TMDs**

Speaker
Andreas Metz

9:30 – 10:00 AM **Parton fragmentation functions**

Speaker
Ralf Seidl

10:00 – 10:30 AM **Lattice QCD calculation of distribution functions**

Speaker
Joseph Karpie

10:30 AM

11:00 AM

Conference talks

Session | **Convener:** Chair: S. Niccolai

11:00 – 11:30 AM **The new AMBER experiment at CERN**

Speaker
Catarina Quintans

11:30 AM – 12:00 PM
New experimental results on GPDs and perspectives at JLab with a positron beam

Speaker
Eric Voutier

12:00 – 12:30 PM
Electromagnetic structure of the Proton from Generalized Polarizabilities

Speaker
Nikos Sparveris

12:30 PM

Fri, November 3

9:00 AM

Conference talks

Session | **Convener:** Chair: L. Gamberg

9:00 – 9:30 AM

Probing nuclear parton density and fluctuation with ultra-peripheral collisions at RHIC

Speaker
Zhoudunming Tu

9:30 – 10:00 AM **Machine learning-based methods in quantum chromodynamics**

Speaker
Felix Ringer

10:00 – 10:30 AM **QCD phase diagram from lattice simulations**

Speaker
Andrey Kotov

10:30 AM

11:00 AM

Conference talks

Session | **Convener:** Chair: M. Schlegel

11:00 – 11:30 AM **Quantum Computing: a future perspective for scientific computing**

Speaker
Karl Jansen

11:30 AM – 12:00 PM **Baryon spectroscopy: new results and perspectives**

Speaker
Prof. Annalisa D'Angelo

12:00 – 12:30 PM

Application of dispersive techniques in the analysis of experimental and lattice spectroscopy data

Speaker
Oleksandra Deineka

12:30 PM

Sat, November 4

9:00 AM

Conference talks

Session | **Convener:** Chair: Ch. Montag

9:00 – 9:45 AM **Summary workshop I**

Speaker
Abhay Deshpande

9:45 – 10:30 AM **Summary workshop II**

Speaker
Werner Vogelsang

10:30 AM

11:00 AM

Conference talks

Session | **Convener:** Chair: C. Keppel

11:00 – 11:40 AM **Directions in hadron physics (Theory)**

Speaker
Marc Vanderhaeghen

11:40 AM – 12:20 PM **Directions in Hadron Physics (Experiment)**

Speaker
Haiyan Gao

12:20 – 12:30 PM **Closing**

Speakers
Barbara Pasquini, Cynthia Keppel

12:30 PM