

Session Program

27-29 Sept 2023

**ACHT 2023: Non-Perturbative Aspects of
Nuclear, Particle and Astroparticle Physics**

ACHT 2023

Wednesday 27 September

14:00

ACHT 2023

Session

14:00–14:30

Revealing the nucleon structure through exclusive meson production

Speaker

Nikola Crnković

14:30–15:00

Neutron Stars with quarks and diquarks

Speaker

Bernd-Jochen Schaefer

15:00–15:30

Status and Prospects of Hadronization Models

Speaker

Simon Platzer

15:30

16:00

ACHT 2023

Session

16:00–16:30

Kaon Oscillation and Decay in Finite Time Path Out-of-Equilibrium Field Theory

Speaker

Ivan Dadić

16:30–17:00

Simulation and phenomenology of QCD-like dark sectors at the LHC

Speaker

Joshua Lockyer

17:00–17:30

Scattering of dark pions in $Sp(4)$ gauge theory

Speaker

Yannick Dengler

17:30–18:00

Low-energy effective description of light pseudo-scalar mesons in $SO(N)$ -like dark QCD

Speaker

Joachim Pomper

18:00

Thursday 28 September

09:00

ACHT 2023

Session

09:00–09:30

Hadron emission distributions with femtoscopy from SPS through RHIC to LHC

Speaker

Mate Csanad

09:30–10:00

Isolated photon-hadron production in high energy pp and pA collisions at RHIC and LHC

Speaker

Anton Perkov

10:00–10:30

Azimuthal asymmetry in J/psi production in electron-proton collision at EIC

Speaker

Raj Kishore

10:30

11:00

ACHT 2023

Session

11:00–11:30

Spectroscopy of double charm mesonic molecules

Speaker

Mitja Rosina

11:30–12:00

Observables calculated in Minkowski and Euclidean spaces from Ansatz propagators

Speaker

Dubravko Klabucar

12:00–12:30

Gluonic bound states from bound state equations

Speaker

Markus Huber

12:30

14:00

ACHT 2023

Session

14:00–14:30

A lattice QCD study of B to rho ell nu

Speaker

Luka Leskovec

14:30–15:00

Using the Complex Langevin equation to solve sign problems

Speaker

Dénes Sexty

16:00

16:30

18:30

15:00–15:30

Correcting Complex Langevin for full QCD

Speaker

Michael Hansen

15:30–16:00

Some curious phenomena in axion electrodynamics

Speaker

Andras Patkos

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Session

16:30–17:00

Identifying the Time Scales in Electron-Positron Production from Ultra-Strong Electric Fields

Speaker

Reinhard Alkofer

17:00–17:30

Aspects of non-Abelian gauge theories with fundamentally charged fermions

Speaker

Georg Wieland

Friday 29 September

09:00

ACHT 2023

Session

09:00–09:30

Hadrons in medium

Speaker

György Wolf

09:30–10:00

Higher order and higher-twist aspects of exclusive meson production

Speaker

Kornelija Passek-Kumerički

10:00–10:30

Exclusive production of η_c meson by exchange of small- x evolved odderon in ep and eA collisions

Speaker

Eric Andreas Vivoda

10:30

11:00

ACHT 2023

Session

11:00–11:30

Light-front wave functions and TMDs with contour deformations

Speaker

Eduardo Ferreira

11:30–12:00

NAPLIFE (Nanoplasmonic Laser Inertial Fusion Experiment) progress report

Speaker

Tamás Biró

12:00