

Session Program

12-14 Mar 2024

Theory and Experiment in High Energy Physics

Short talks

HUN-REN Wigner Research Centre for Physics, Budapest, Hungary, Building 3, 2nd floor Council Room
(Tanácssterem)

Tuesday 12 March

15:10

Short talks

Session |**Location:** HUN-REN Wigner Research Centre for Physics, Budapest, Hungary, Building 3, 2nd floor Council Room (Tanácsterem) |**Convener:** Dr Gergely Gabor Barnafoldi

15:10–15:40

Can Rotation Solve the Hubble Puzzle?

Speaker

Balazs Endre Szigeti

15:40–16:10

Studies of ATLAS Forward Proton (AFP) ToF performance with Run-3 data

Speaker

Viktoriia Lysenko

16:10

16:30

Short talks

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16:30–17:00

Exact quark mass corrections to Higgs production in association with a jet

Speaker

Gabor Somogyi

17:00–17:30

Anomalous dimensions for hard exclusive processes

Speaker

Dr Sam Van Thurenhout

17:30–18:00

Search for Axion-Like-Particle (ALP) with the ATLAS Forward Proton (AFP) Detector with Di-photons

Speaker

Andre Sopczak

18:30

Wednesday 13 March

10:00

Short talks

Session |

Location: HUN-REN Wigner Research Centre for Physics, Budapest, Hungary, Building 3, 2nd floor Council Room (Tanácssterem) |

Convener: Andre Sopczak

10:00–10:30

Strong coupling expansion of determinant observables in N=4 SYM

Speaker

Bercel Boldis

10:30–11:00

Mesons in medium (in Hadron-Nucleus reactions)

Speaker

György Wolf

11:00

14:00

Short talks

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Convener: Dr Peter Matak

14:00–14:30

Exclusion bounds for neutral gauge bosons

Speaker

Zoltán Péli

14:30–15:00

Jet substructure measurements in heavy-ion collisions

Speaker

Robert Vertesi

15:00–15:30

Trajectory reconstruction for proton computed tomography with machine learning

Speaker

Bence Dudas

15:30–16:00

Image Reconstruction with Proton CT

Speaker

Zsófia Jolesz

16:00

16:20

Short talks

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Convener: Dr Peter Matak

16:20–16:50

Luminosity measurements using the ATLAS Forward Proton (AFP) detector

Speaker

Petr Fiedler

16:50

Thursday 14 March

09:00

Short talks

Session |**Location:** HUN-REN Wigner Research Centre for Physics, Budapest, Hungary, Building 3, 2nd floor Council Room (Tanácsterem) |**Convener:** Gabor Somogyi

09:00–09:30

Probing hadron-quark phase transition in twin stars using f-modes**Speaker**

David Edwin Alvarez Castillo

09:30–10:00

CERN IpGBT: Merging Timing, Data, and Control of Detectors**Speaker**

Tivadar Kiss

10:00