

Session Program

May 28 - 29, 2024

**CERN - Ukraine 2024: "Past - Present -
Future" Conference, Kyiv Ukraine, May 28-29,
2024**

Session VI

Wed, May 29

2:00 PM

Session VI

Session | **Location:** National Academy of Science, Kyiv, Ukraine and CERN Zoom | **Convener:** Oleksandr Sorokin

14:00 – 14:12

PHYSICS BEYOND THE STANDARD MODEL: ACHIVEMENTS AND PROSPECTS

Speaker

Tetiana Obikhod

14:15 – 14:27

Determination of the electric dipole moment of heavy Λ and Λ_c^+ baryons in electron-positron annihilation

Speaker

Mr Roman Ovsiannikov

14:30 – 14:42

Energy correlation of bottom quarks from decays of top quarks in electron-positron annihilation at high energy

Speaker

Ivan Truten

14:45 – 14:57

Four types of phase transitions in interacting meson (boson) matter at high temperatures

Speakers

Dr Denys Zhuravel, Prof. Dmitry Anchishkin

15:00 – 15:12

Critical Point and Onset of Deconfinement

Speaker

Mark Gorenstein

15:15 – 15:27

Axial Channeling and Stochastic Deflection as Tools to Manipulate Trajectories of Charged Particle Beams

Speaker

Dr Andrea Mazzolari

15:30 – 15:42

Correlation between multiple scattering angle and ionization energy loss in electron detectors

Speaker

Micola Bondarenco

15:45 – 15:57

Modeling soft physics in heavy ion collision experiments: from GeV to TeV energies

Speaker

Yuriy Sinyukov

16:00 - 16:12

Dip-bump structure in proton diffractive dissociation at the LHC

Speakers

Prof. Laszlo Jenkovszky, Laszlo Jenkovszky, László Jenkovszky

4:15 PM