

Session Program

August 23, 2021 to October 7, 2021



10th International Conference on New Frontiers in Physics (ICNFP 2021)

Interdisciplinary session

Venue: OAC conference center, Kolymbari, Crete, Greece. Participation is possible also via internet.

Thu, September 2

5:00 PM

Interdisciplinary session

Session | Location: Room 1

17:00 - 17:30 **The Measurement Problem in the Statistical Signal Processing**

Speaker

Miloš Milovanović

17:30 - 18:00 **Instantons with Quantum Core**

Speaker

Prof. Alexander Sorin

18:00 - 18:30

Status and prospects for sterile neutrino searches at very short base line reactor experiments.

Speaker

Prof. Mikhail Danilov

18:30 - 19:00 **The NUSES space mission**

Speaker

Dr Margherita Di Santo

7:00 PM

Thu, October 7

3:30 PM

Interdisciplinary session

Session | Location: Room 1

16:00 - 16:30 **Highlights from STAR Heavy Ion Program**

Speaker

Ahmed M. Hamed

16:30 - 17:00

Puzzling enhancement of soft photons: use and misuse of the Low theorem

Speaker

Boris Kopeliovich

5:00 PM

5:10 PM

Interdisciplinary session

Session | Location: Room 2

17:10 - 17:35 **One-loop amplitudes in the worldline formalism.**

Speaker

Moctezuma Mata

17:35 - 18:00 **Laser spectroscopy studies of long-lived pionic helium atoms**

Speaker

Masaki Hori

18:00 - 18:25

Model-independent Searches for New Physics in Multi-body Invariant Masses

Speaker

Smita Darmora

6:25 PM

5:10 PM

Interdisciplinary session

Session | Location: Room 1

17:10 - 17:35 **Spectral Clustering for Jet Physics**

Speaker

Henry Day-Hall

17:35 - 18:00 **Collective flow in relativistic heavy ion collisions**

Speaker

Vipul Bairathi

18:00 - 18:25 **Generative modeling of helium fusion for nuclear astrophysics**

Speaker

Thomas Chen

6:25 PM