

Session Program

27 September 2021 to 1 October 2021

The 16th International Workshop on Tau Lepton Physics (TAU2021) (Virtual Edition)

Session 2c: Test of fundamental symmetries with tau lepton

Indiana University, Virtual

Monday 27 September

13:00

Session 2c: Test of fundamental symmetries with tau lepton

Session | **Location:** Indiana University, Virtual | **Convener:** Radovan Dermisek

13:00–13:20

A data-directed search for electron-muon asymmetry in events containing taus

Speaker

Shikma Bressler

13:20–13:40

Searches for leptiquarks with the ATLAS detector

Speaker

Zhiyuan Jordan Li

13:40–14:00

Precision measurement of the $B[Y(3S) \rightarrow \tau^+\tau^-] / B[Y(3S) \rightarrow \mu^+\mu^-]$ ratio at BABAR

Speaker

Alexei Sibidanov

14:00

14:15

Session 2c: Test of fundamental symmetries with tau lepton

Session | **Location:** Indiana University, Virtual | **Convener:** Matheus Hostert

14:15–14:35

Lepton flavor violating tau decays with a light gauge boson

Speaker

Marcela Marín

14:35–14:55

First results and prospects for tau LFV decay $\tau \rightarrow e + \alpha(\text{invisible})$ at Belle II

Speaker

Alejandro De Yta Hernandez

14:55–15:20

Search for dark sector at BABAR

Speaker

Yunxuan Li

15:20