

## **Session Program**

**12-14 Jul 2021**

# **2021 Meeting of the Division of Particles and Fields of the American Physical Society (DPF21)**

## ***Plenary Sessions***

Zoom

## Monday 12 July

10:00

### Plenary Sessions: Monday Plenary Session

Session | Location: Zoom, Plenary Sessions | Convener: R. Sekhar Chivukula

10:00-10:10 **Welcome**

**Speakers**

R. Sekhar Chivukula, Todd Adams

10:10-10:40 **Hints of lepton flavor non-universality in b decays**

**Speaker**

Matthew Scott Rudolph

10:40-11:10

### Recent Progress in Measuring Mixing and CP Violation in B-meson Decays

**Speaker**

Michael David Sokoloff

11:10-11:40 **Hints for flavorful new physics**

**Speaker**

Wolfgang Altmannshofer

11:40-12:10 **The value of improving HEP outreach and how to participate**

**Speaker**

Don Lincoln

12:10

## Tuesday 13 July

10:00

### Plenary Sessions: Tuesday Plenary Session

Session | Location: Zoom | Convener: Todd Adams

10:00-10:30 **Cosmological Constraints from the Dark Energy Survey Year 3**

**Speaker**

Felipe Andrade-Oliveira

10:30-11:00 **Dark Matter Direct Detection**

**Speaker**

Rafael Lang

11:00-11:30 **(g-2)\_\mu from lattice QCD and experiments: 4.2 sigma, indeed?**

**Speakers**

Zoltan Fodor, Zoltan Fodor

11:30-12:00 **DUNE and LBL Neutrino Program**

**Speakers**

Jose Maneira, Jose Maneira

12:00

## Wednesday 14 July

10:00

### Plenary Sessions: Wednesday Plenary Session

Session | Location: Zoom | Convener: Laura Reina

10:00-10:30 **Outlook for experimental high-pT LHC physics**

**Speakers**

Emanuele Usai, Emanuele Usai

10:30-11:00 **AI in HEP: Current Methods and Applications**

**Speaker**

Savannah Jennifer Thais

11:00-11:30 **New Adventures at the LHC**

**Speaker**

Zhen Liu

11:30-12:00

### Applying Lessons from Holography and Conformal Field Theory to Scattering

**Speaker**

Sabrina Pasterski

12:00-12:05 **Thanks!**

12:05