

**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