

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