

Session Program

July 22, 2019 to August 9, 2019

Advances in Lattice Gauge Theory 2019

form factors & decays

CERN, 4/3-006 - TH Conference Room

Mon, July 29

10:00 AM

form factors & decays: Day 1

Session | **Location:** CERN, 4/3-006 - TH Conference Room

10:00 - 11:00 AM

Hadronic structure from the CLS $N_f=2+1$ ensembles

Speaker

Sara Collins

11:00 - 11:30 AM

Coffee break

11:30 AM - 12:30 PM

Overview over Form Factor calculations

Speaker

Andreas Juettner

12:30 PM

Tue, July 30

10:00 AM

form factors & decays

Session | Location: CERN, 4/3-006 - TH Conference Room

10:00 - 11:00 AM **The structure of hadronic excitations**

Speaker

Derek Leinweber

11:00 - 11:30 AM **Coffee break**

11:30 AM - 12:00 PM

Structure and transitions of nucleon excitations via parity-expanded variational analysis

Speaker

Finn Stokes

12:00 - 12:30 PM

B_c to $B_{\{s,d\}}$ form factors with NRQCD and HISQ bottom quarks

Speaker

Laurence Cooper

12:30 PM

Wed, July 31

9:30 AM

form factors & decays: Day 3

Session | Location: CERN, 4/3-006 - TH Conference Room

9:30 - 10:00 AM **Semileptonic D to K decay from full lattice QCD with HISQ**

Speaker

Bipasha Chakraborty

10:00 - 11:00 AM **Heavy-to-light decay form factors on $N_f=2+1+1$ HISQ ensembles**

Speaker

Elvira Gamiz

11:00 - 11:30 AM **Coffee break**

11:30 AM - 12:30 PM

Inclusive B decay structure functions and their decomposition into final states

Speaker

Shoji Hashimoto

12:30 PM

Thu, August 1

9:30 AM

form factors & decays: Day 4

Session | Location: CERN, 4/3-006 - TH Conference Room

9:30 - 10:30 AM

Status of the HVP contribution to $(g-2)$ from Lattice QCD+QED

Speaker

Christoph Lehner

10:30 - 11:00 AM

Finite volume effects in the HVP contribution to muon $(g-2)$

Speakers

Agostino Patella, Agostino Patella

11:00 - 11:30 AM

Coffee break

11:30 AM - 12:30 PM

Hadronic light-by-light scattering

Speaker

Antoine Gerardin

12:30 PM