

Session Program

22 July 2019 to 9 August 2019

Advances in Lattice Gauge Theory 2019

form factors & decays

CERN, 4/3-006 - TH Conference Room

Monday 29 July

10:00

form factors & decays: Day 1

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

10:00-11:00

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

Speaker

Sara Collins

11:00-11:30

Coffee break

11:30-12:30

Overview over Form Factor calculations

Speaker

Andreas Juettner

12:30

Tuesday 30 July

10:00

form factors & decays

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

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

Speaker

Derek Leinweber

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

11:30-12:00

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

Speaker

Finn Stokes

12:00-12:30 **$B_c \rightarrow B_{\{s,d\}}$ form factors with NRQCD and HISQ bottom quarks**

Speaker

Laurence Cooper

12:30

Wednesday 31 July

09:30

form factors & decays: Day 3

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

09:30-10:00 **Semileptonic D to K decay from full lattice QCD with HISQ**

Speaker

Bipasha Chakraborty

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

Speaker

Elvira Gamiz

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

11:30-12:30

Inclusive B decay structure functions and their decomposition into final states

Speaker

Shoji Hashimoto

12:30

Thursday 1 August

09:30

form factors & decays: Day 4

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

09:30–10:30 **Status of the HVP contribution to $(g-2)$ from Lattice QCD+QED**

Speaker

Christoph Lehner

10:30–11:00 **Finite volume effects in the HVP contribution to muon $(g-2)$**

Speakers

Agostino Patella, Agostino Patella

11:00–11:30 **Coffee break**

11:30–12:30 **Hadronic light-by-light scattering**

Speaker

Antoine Gerardin

12:30