

Session Program

10-14 Jan 2022



30th International Symposium on Lepton Photon Interactions at High Energies

Quark and charged lepton flavour

Online only

Monday 10 January

14:00

Quark and charged lepton flavour: 1

Session | **Location:** Online only | **Convener:** Christine Davies

14:00–14:30 **B anomalies: semileptonic and rare b decays experimental summary**

Speaker

Lucia Grillo

14:30–15:00 **Flavour anomalies : theory**

Speaker

Danny van Dyk

15:00–15:30 **Physics of muons : experimental summary**

Speaker

Mark Lancaster

15:30–16:00 **Physics of muons : theory**

Speaker

Aida El-Khadra

16:00

16:15

Quark and charged lepton flavour: Poster session

Session | **Location:** Online only

16:15–16:16

New bounds on heavy quark EDMs and implications for coloured scalar models

Speaker

Joan Ruiz Vidal

16:16–16:17 **Search for lepton number and flavour violation in K^+ and π^0 decays**

Speaker

Jan Jerhot

16:17–16:18

The SMEFT analysis of $\Lambda_b \rightarrow (\Lambda^*, \Lambda) \mu^+ \mu^-$ and $\Lambda_b \rightarrow (\Lambda^*, \Lambda) \nu \bar{\nu}$ baryonic decays

Speaker

Nilakshi Das

16:18–16:19 **The B_c lifetime in the Standard Model and beyond**

Speakers

Jason Aebischer, Jason Aebischer

16:19–16:20

Heavy Flavor Averaging Group (HFLAV) methodology and latest results

Speaker

Markus Tobias Prim

16:20-16:21

$B \rightarrow K \nu \bar{\nu}$ measurements and new physics

Speaker

Rusa Mandal

16:21-16:22

On the significance of the flavour anomalies

Speaker

Davide Lancerini

17:15

Tuesday 11 January

09:00

Quark and charged lepton flavour: 2

Session | **Location:** Online only | **Convener:** Marie-Helene Schune

09:00–09:30 **Rare decays of strange, charm, and beauty hadrons**

Speaker

Cristina Lazzeroni

09:30–10:00 **Mixing and CP violation in beauty and charm hadrons**

Speaker

Malcolm John

10:00–10:30 **Theory of hadron CP violation and mixing**

Speaker

Alexander Lenz

10:30–11:00 **Highlights in baryon decays**

Speaker

Xiaoyan Shen

11:00

14:00

Quark and charged lepton flavour: Parallel 1

Session | **Location:** Online only | **Convener:** Patrick Koppenburg

14:00–14:20 **Semileptonic decays at LHCb**

Speaker

Guy Henri Maurice Wormser

14:20–14:40 **Electroweak and radiative penguin decays at Belle II**

Speaker

Slavomira Stefkova

14:40–15:00 **Lepton-flavour-non-universal measurements from LHCb**

Speaker

Carla Marin Benito

15:00–15:20

Searches for lepton flavor violation and lepton flavor universality violation

Speaker

Saurabh Sandilya

15:20–15:40

New physics in $b \rightarrow s \ell \ell$ decays with complex Wilson coefficients.

Speaker

IPSITA RAY

15:40–16:00 **Within and beyond the SM via $b \rightarrow u$ decays**

16:00	<p>Speaker Dr Aritra Biswas</p>
16:30	<p>Quark and charged lepton flavour: Parallel 2 Session Location: Online only Convener: Alexey Petrov</p>
	<p>16:30–16:50 Tau physics at Belle II</p> <p>Speaker Zuzana Gruberova</p>
	<p>16:50–17:10 The Mu2e Experiment</p> <p>Speaker Andrew Edmonds</p>
	<p>17:10–17:30 Status of the MEG II experiment at PSI</p> <p>Speaker Matteo De Gerone</p>
	<p>17:30–17:50</p> <p>New measurement of radiative decays at the NA62 Experiment at CERN</p> <p>Speaker Dmitri Madigozhin</p>
18:10	<p>17:50–18:10 Measurement of the very rare K^+ to π^+ ν $\bar{\nu}$ decay</p> <p>Speaker Monica Pepe</p>

Wednesday 12 January

09:00

Quark and charged lepton flavour: Parallel 3

Session | **Location:** Online only | **Convener:** Xiaoyan Shen

09:00–09:20

Un-binned Angular Analysis of $B \rightarrow D^{*} \ell \nu$ and the Right-handed Current

Speaker

Zhuoran Huang

09:20–09:40

Improved V_{cs} determination from $D \rightarrow K \ell \nu$ and search for new physics in $B \rightarrow K \ell^+ \ell^-$ using precise lattice QCD form factors

Speaker

Mr William Parrott

09:40–10:00

New results on semileptonic B decays at Belle

Speaker

Florian Urs Bernlochner

10:00–10:20

Hadronic B decays at Belle II

Speaker

Markus Reif

10:20–10:40

Measuring CP violating phase in B Baryon decays

Speaker

Rahul Sinha

10:40–11:00

CP violation and CKM measurements with beauty decays at LHCb

Speaker

Jordy Butter

11:00

11:20

Quark and charged lepton flavour: Parallel 4

Session | **Location:** Online only | **Convener:** Stefan Schacht

11:20–11:40

Hadronic charm decays at BESIII

Speaker

Yu Zhang

11:40–12:00

CP violation and mixing in charm at LHCb

Speaker

Joan Ruiz Vidal

12:00–12:20

Charm and time-dependent CP violation in B decay at Belle II

Speakers

Radek Zlebcik, Radek Zlebcik

12:20–12:40

(Semi-)Leptonic D decays at BESIII

Speaker
Lanxing Li

12:40–13:00 **Rare charm decays at LHCb**

Speaker
Dominik Stefan Mitzel

13:00