



# Challenges in Semileptonic B Decays

## Monday 23 September 2024

### Heavy to heavy exclusive: I (14:00 - 15:15)

time	[id] title	presenter
14:00	[26] New developments in $B \rightarrow D^{(*)}$ from lattice QCD	VAQUERO AVILÉS-CASCO, Alejandro Marino
14:30	[27] FF Truncation and Model selection in $ V_{xb} $ extractions	BERNLOCHNER, Florian Urs

### Heavy to heavy exclusive: II (16:00 - 17:30)

time	[id] title	presenter
16:00	[8] Determination of $V_{cb}$ from Exclusive Decays	SCHACHT, Stefan
16:30	[11] Model-independent fits to experimental and lattice data for $B \rightarrow D^* \ell \bar{\nu}$ (and other) exclusive decays	JUTTNER, Andreas
17:00	[15] $B_{(s)} \rightarrow D_{(s)}^{(*)}$ form factors at $\mathcal{O}(1/m_c^2)$	GUBERNARI, Nico

# Tuesday 24 September 2024

## Heavy to heavy exclusive: III (09:00 - 10:00)

time	[id] title	presenter
09:00	[28] LHCb/Belle II joint measurement of $b \rightarrow c \ell \nu$ Wilson Coefficients	MITRESKA, Biljana
09:30	[29] Measurement of the $B \rightarrow D^* \ell \nu$ form factor at Belle	PRIM, Markus Tobias

## Heavy to heavy exclusive: IV (10:30 - 12:00)

time	[id] title	presenter
10:30	[6] $B \rightarrow D^* \ell \nu$ at BaBar and $\Lambda_b \rightarrow \Lambda_c \ell \nu$ at LHCb	DEY, Biplab
11:00	[17] Simultaneous analysis of $B \rightarrow D \ell \nu$ and $B \rightarrow D^* \ell \nu$ to improve the determination of $ V_{cb} $ .	MANTOVANO, Michele
11:30	[39] Discussion -- Vcb exclusive	BERNLOCHNER, Florian Urs WITZEL, Oliver

## Heavy to heavy exclusive: V (13:30 - 15:15)

time	[id] title	presenter
13:30	[4] A model-independent parameterization of semileptonic B decays with two final-state hadrons	HERREN, Florian
14:00	[5] Improving our understanding of $B \rightarrow D \pi \ell \nu$ and $B \rightarrow \pi \pi \ell \nu$ decays	VAN TONDER, Raynette
14:30	[24] Combining $R(D^*)$ measurements at Belle II	TSAKLIDIS, Ilias

## Heavy to heavy exclusive: VI (16:00 - 17:30)

time	[id] title	presenter
16:00	[30] Recent LHCb results on $R(D)$ and $R(D^*)$	CIEZAREK, Gregory Max
16:30	[31] New results from LHCb on semitauonic decays" (in particular $B \rightarrow D^{**} \tau \nu$ )	WORMSER, Guy Henri Maurice
17:00	[40] Discussion -- $R(D^*)$ and LFU in semitauonic B decays	ROTONDO, Marcello MANNEL, Thomas

# Wednesday 25 September 2024

## Heavy to heavy exclusive: VII (09:00 - 10:00)

time	[id] title	presenter
09:00	[20] New physics searches with angular analyses of b-hadron decays	GRILLO, Lucia
09:30	[18] Opportunities with Baryons @ LHCb	LUPATO, Anna