

Session Program

Sep 23 - 27, 2024

Challenges in Semileptonic B Decays

Heavy to heavy exclusive

Mon, September 23

2:00 PM

Heavy to heavy exclusive: I

Session | **Location:** Campus Akademie Bäckerstrasse 13 A-1010 Vienna AUSTRIA

2:00 – 2:30 PM **New developments in $B \rightarrow D^{(*)}$ from lattice QCD**

Speaker

Alejandro Marino Vaquero Avilés-Casco

2:30 – 3:00 PM **FF Truncation and Model selection in $|V_{xb}|$ extractions**

Speaker

Florian Urs Bernlochner

3:15 PM

4:00 PM

Heavy to heavy exclusive: II

Session | **Location:** Campus Akademie Bäckerstrasse 13 A-1010 Vienna AUSTRIA

4:00 – 4:30 PM **Determination of V_{cb} from Exclusive Decays**

Speaker

Stefan Schacht

4:30 – 5:00 PM

Model-independent fits to experimental and lattice data for $B \rightarrow D^{*} \ell \bar{\nu}$ (and other) exclusive decays

Speaker

Andreas Juttner

5:00 – 5:30 PM **$B_{(s)} \rightarrow D_{(s)}^{(*)}$ form factors at $\mathcal{O}(1/m_c^2)$**

Speaker

Nico Gubernari

5:30 PM

Tue, September 24

9:00 AM	<p>Heavy to heavy exclusive: III Session Location: Campus Akademie Bäckerstrasse 13 A-1010 Vienna AUSTRIA</p>
	<p>9:00 – 9:30 AM LHCb/Belle II joint measurement of $b \rightarrow c$ l ν Wilson Coefficients</p> <p>Speaker Biljana Mitreska</p>
	<p>9:30 – 10:00 AM Measurement of the $B \rightarrow D^* l \nu$ form factor at Belle</p> <p>Speaker Markus Tobias Prim</p>
10:00 AM	
10:30 AM	<p>Heavy to heavy exclusive: IV Session Location: Campus Akademie Bäckerstrasse 13 A-1010 Vienna AUSTRIA</p>
	<p>10:30 – 11:00 AM $B \rightarrow D^{(*)} l \nu$ at BaBar and $\Lambda_b \rightarrow \Lambda_c l \nu$ at LHCb</p> <p>Speaker Biplab Dey</p>
	<p>11:00 – 11:30 AM</p> <p>Simultaneous analysis of $B \rightarrow D l \nu$ and $B \rightarrow D^{(*)} l \nu$ to improve the determination of V_{cb}.</p> <p>Speaker Michele Mantovano</p>
	<p>11:30 AM – 12:00 PM Discussion -- V_{cb} exclusive</p> <p>Speakers Florian Urs Bernlochner, Oliver Witzel</p>
12:00 PM	
1:30 PM	<p>Heavy to heavy exclusive: V Session Location: Campus Akademie Bäckerstrasse 13 A-1010 Vienna AUSTRIA</p>
	<p>1:30 – 2:00 PM</p> <p>A model-independent parameterization of semileptonic B decays with two final-state hadrons</p> <p>Speaker Florian Herren</p>
	<p>2:00 – 2:30 PM</p> <p>Improving our understanding of $B \rightarrow D \pi l \nu$ and $B \rightarrow \pi \pi l \nu$ decays</p> <p>Speaker Raynette Van Tonder</p>
	<p>2:30 – 3:00 PM Combining $R(D^{(*)})$ measurements at Belle II</p> <p>Speaker Ilias Tsaklidis</p>
3:15 PM	

4:00 PM

Heavy to heavy exclusive: VI

Session | **Location:** Campus Akademie Bäckerstrasse 13 A-1010 Vienna AUSTRIA

4:00 - 4:30 PM **Recent LHCb results on $R(D)$ and $R(D^*)$**

Speaker

Gregory Max Ciezarek

4:30 - 5:00 PM

New results from LHCb on semitauonic decays" (in particular $B \rightarrow D^{*} \tau \nu$)

Speaker

Guy Henri Maurice Wormser

5:00 - 5:30 PM **Discussion -- $R(D^{*})$ and LFU in semitauonic B decays**

Speakers

Marcello Rotondo, Thomas Mannel

5:30 PM

Wed, September 25

9:00 AM

Heavy to heavy exclusive: VII

Session | **Location:** Campus Akademie Bäckerstrasse 13 A-1010 Vienna AUSTRIA

9:00 - 9:30 AM

New physics searches with angular analyses of b-hadron decays

Speaker

Lucia Grillo

9:30 - 10:00 AM

Opportunities with Baryons @ LHCb

Speaker

Anna Lupato

10:00 AM