

Session Program

30 March 2025 to 6 April 2025

**59th Rencontres de Moriond 2025: QCD &
High Energy Interactions**

Heavy Flavour

Tuesday 1 April

08:30

Heavy Flavour: Morning

Session | **Location:** Hotel Planibel, La Thuile, Italy | **Convener:** Bogdan Malaescu

08:30–08:50 **Introductory talk**

Speaker

Yasmine Sara Amhis

08:55–09:10 **B-physics at ATLAS and CMS**

Speaker

Easwar Anand Narayanan

09:15–09:30 **Novel results involving the charm quark at CMS**

Speaker

Sebastian Wuchterl

09:35–09:50 **Charm and quarkonium at Belle and Belle II**

Speaker

Bianca Scavino

09:55–10:10

Novel approaches to determine B^\pm and B^0 meson production fractions

Speaker

Greg Landsberg

10:15–10:35 **Coffee break**

10:35–10:50 **Mixing and CPV in beauty and charm at LHCb**

Speaker

Lorenzo Pica

10:55–11:10 **Flavour changing neutral current decays at LHCb**

Speaker

Sara Celani

11:15–11:30 **Flavour changing charged current decays at LHCb**

Speaker

Guy Henri Maurice Wormser

11:35–11:50

Inclusive $B \rightarrow X_{sll}$ at LHCb: an independent test of the flavor anomalies

Speaker

Dr Enrico Lunghi

12:00

17:00

Heavy Flavour: Afternoon

Session | **Location:** Hotel Planibel, La Thuile, Italy | **Convener:** Guy Wormser

17:00–17:15 **Large N QCD predictions from flavour physics**

Speaker

Giancarlo D'Ambrosio

17:20-17:35

LCSR Predictions for $B \rightarrow K$ Form Factors**Speaker**

Dayanand Mishra

17:40-17:55

QCD uncertainties for flavorful processes**Speaker**

Nico Gubernari

18:00-18:15

Model-independent Extraction of Form Factors and $|V_{cb}|$ in $B \rightarrow D l \nu$ with hadronic tagging at BABAR**Speaker**

Adrian Bevan

18:20-18:40

Coffee break

18:40-18:55

Measurements of rare B decays at Belle and Belle II**Speaker**

Mr Debjit Ghosh

19:00-19:15

Measurements of hadronic, leptonic and semileptonic B decays at Belle and Belle II**Speaker**

Jyotirmoi Borah

19:20-19:35

A look at the semileptonic decays of B_c meson to S and P wave charmonium states**Speaker**

Soumitra Nandi

19:40-19:55

Bounds on heavy sterile neutrinos from the angular analysis of $B \rightarrow D^* l \nu$ decays**Speaker**

Marco Fedele

20:00

Wednesday 2 April

08:30

Heavy Flavour: Spectroscopy

Session | **Location:** Hotel Planibel, La Thuile, Italy | **Convener:** Greg Landsberg

08:30–08:45

Heavy flavour spectroscopy at LHCb

Speaker

Ao Xu

09:10

08:50–09:05

Light hadrons and charm spectroscopy at BESIII

Speaker

Longyu Qin