

Implications wrap-up

Mat Charles (Sorbonne Université / LPNHE)

Some numbers

Implications of LHCb measurements and future prospects

17-19 October 2018

CERN

Europe/Zurich timezone

Overview

Timetable

Participant List

204 participants

- 204 people registered
- 40 speakers
- Typically 20-30 people connected remotely
 - Somewhat fewer at 08:30

Thanks to



- **LHCb Secretariat** (Nathalie, Cindy, Amelie)
 - for handling CERN access, badges, hostel booking validation, welcome drink, temperature adjustments, ...

Thanks to



- LHCb Secretariat (Nathalie, Cindy, Amelie)
 - for handling CERN access, badges, hostel booking validation, welcome drink, temperature adjustments, ...
- **Organising committee** (Alex, Chris, Danny, Giovanni, Guy, Johannes, Jure, MJC, Monica, Svjetlana, Vincenzo)

The organising committee are: Alex Lenz, Chris Parkes, Danny van Dyk, Giovanni Passaleva, Guy Wilkinson, Johannes Albrecht, Jure Zupan, Mat Charles, Monica Pepe-Altarelli, Svjetlana Fajfer, Vincenzo Vagnoni.

Thanks to



- LHCb Secretariat (Nathalie, Cindy, Amelie)
 - for handling CERN access, badges, hostel booking validation, welcome drink, temperature adjustments, ...
- Organising committee (Alex, Chris, Danny, Giovanni, Guy, Johannes, Jure, MJC, Monica, Svjetlana, Vincenzo)
- **Stream convenors** (Keri, Michael, Jeremy, Sevda, Oliver, Mirco, Preema, Lucian, Albert, Carlos, Timothy, Nicole)

(seriously, they did an amazing job)

- Mixing and CP violation in Beauty and Charm [[Keri Vos](#), [Michael Alexander](#), [Jeremy Dalseno](#), [Sevda Esen](#), [email all](#)]
- Semileptonic decays, rare decays, and tests of lepton flavour universality [[Oliver Witzel](#), [Mirco Dorigo](#), [Preema Pais](#), [email all](#)]
- Electroweak physics, heavy flavour production, implications for (n)PDFs, heavy ions, and exotica searches [[Lucian Harland-Lang](#), [Albert Bursche](#), [Carlos Vazquez](#), [email all](#)]
- QCD spectroscopy and exotic hadrons [[Timothy Burns](#), [Nicole Skidmore](#), [email all](#)]

Thanks to



- LHCb Secretariat (Nathalie, Cindy, Amelie)
 - for handling CERN access, badges, hostel booking validation, welcome drink, temperature adjustments, ...
- Organising committee (Alex, Chris, Danny, Giovanni, Guy, Johannes, Jure, MJC, Monica, Svjetlana, Vincenzo)
- Stream convenors (Keri, Michael, Jeremy, Sevda, Oliver, Mirco, Preema, Lucian, Albert, Carlos, Timothy, Nicole)
- **The speakers** and everyone who contributed to the discussion.

Thanks to

- LHCb Secretariat (Nathalie, Cindy, Amelie)
 - for handling CERN access, badges, hostel booking validation, welcome drink, temperature adjustments, ...
- Organising committee (Alex, Chris, Danny, Giovanni, Guy, Johannes, Jure, MJC, Monica, Svjetlana, Vincenzo)
- Stream convenors (Keri, Michael, Jeremy, Sevda, Oliver, Mirco, Preema, Lucian, Albert, Carlos, Timothy, Nicole)
- The speakers and everyone who contributed to the discussion.
- **Everyone who used the microphones**
 - Ikaros for setting a good example!

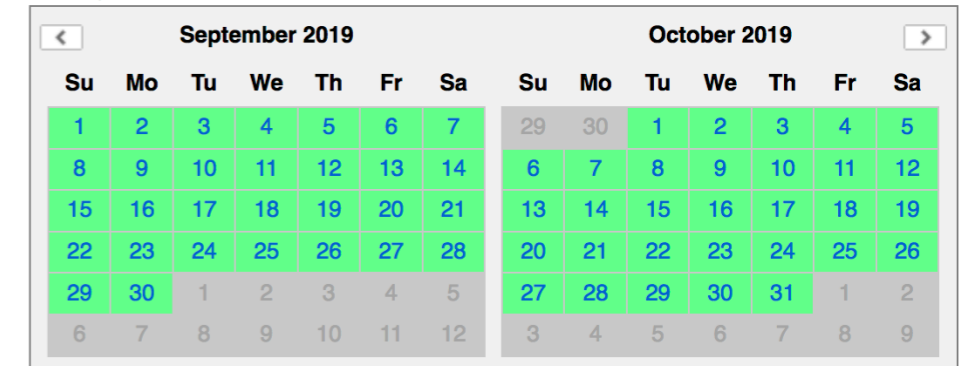
Implications 2019

- 16-18 October 2019
- Save the date!
- Still a few hostel rooms left...

Hotel Availability

Select Dates by Clicking on the Calendar

Last update of calendar: 19.10.18 09:20:26



Occupancy level: ■ up to 70% ■ 70% - 85% ■ 85% - 95% ■ Full

- More results with Run2 data (we promise)

Legend: Available Conflict Booked PRE-Booking Conflict with PRE-Booking Concurrent PRE-Bookings Blocked Too early to book

Wednesday, 16 October 2019 → Friday, 18 October 2019

Wednesday, 16 October 2019

	6:00	8:00	10:00	12:00	14:00	16:00	18:00	20:00	22:00	24:00	
500-1-001 (Main Auditorium)	6						20	22	24		

Thursday, 17 October 2019

	6:00	8:00	10:00	12:00	14:00	16:00	18:00	20:00	22:00	24:00	
500-1-001 (Main Auditorium)	6						20	22	24		

Friday, 18 October 2019

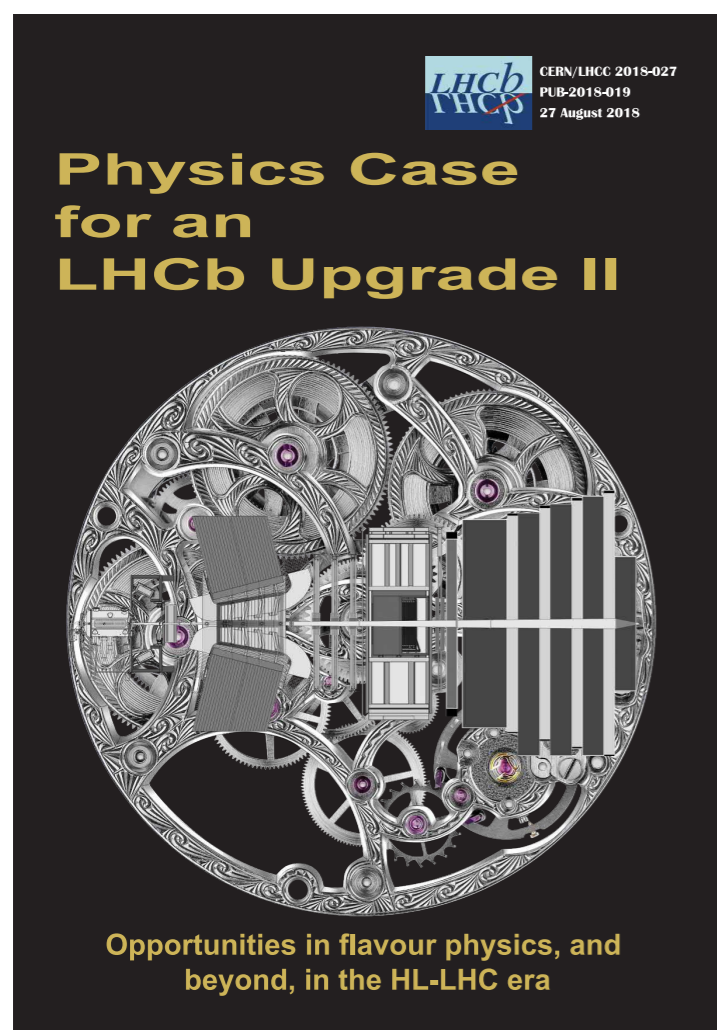
	6:00	8:00	10:00	12:00	14:00	16:00	18:00	20:00	22:00	24:00	
500-1-001 (Main Auditorium)	6						20	22	24		

Hide room booking summary

Room	Reason / Booked for	Date	Time	
500-1-001 (Main Auditorium)	LHCb Implications Workshop 2018 Matthew John Charles	16/10/2019	08:00 18:30	Show
500-1-001 (Main Auditorium)	LHCb Implications Workshop 2018 Matthew John Charles	17/10/2019	08:00 18:30	Show
500-1-001 (Main Auditorium)	LHCb Implications Workshop 2018 Matthew John Charles	18/10/2019	08:00 18:30	Show

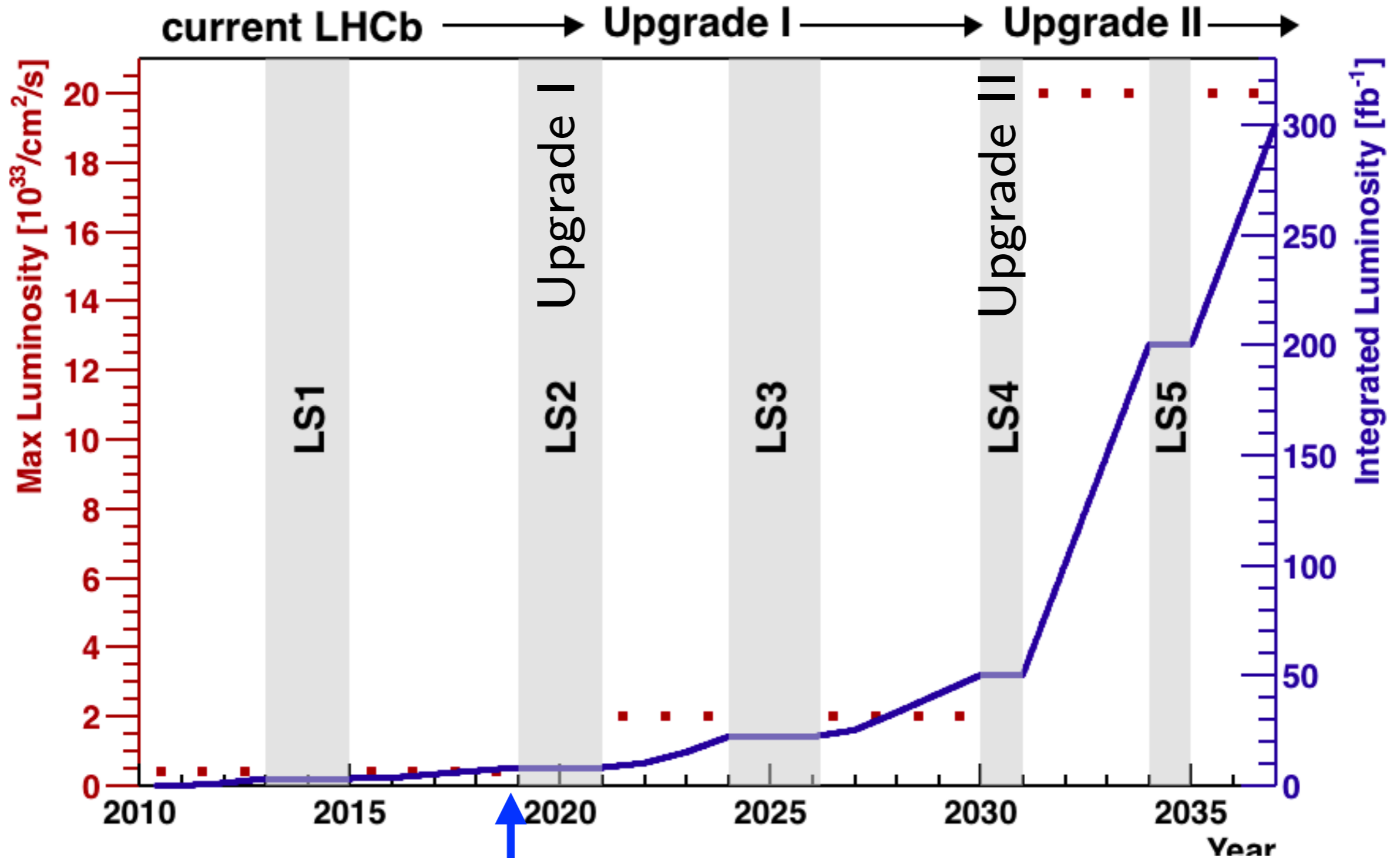
Other things of interest

- Workshop on high-energy implications of flavor anomalies
22-24 October 2018 at CERN
[\[indico link\]](#)
- LHCb Upgrade II Workshop (Amsterdam)
8-10 April 2019
Open to theorists, potential new experimental collaborators



- **Upgrade Ia** will begin in a few weeks!
- Now looking ahead to **Upgrades Ib, II**.
- Physics case online at: [arXiv: 1808.08865](#)
- LHCC recently recommended the LHCb Upgrade II proceed to a TDR
 - Strong support from theory community for this project was commented on by LHCC.
 - **Thank you** for supporting this programme
 - Next steps to be discussed in Amsterdam

Upgrades planned



We are here

Exciting (and busy) times ahead!

