Beyond the Flavour Anomalies

1.-3.4.2020

IPPP, Durham University, UK

Topics:

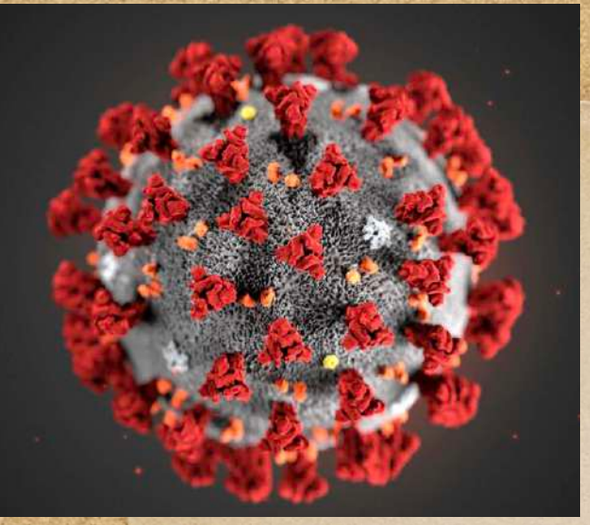
- ◇ Global fits for $b \to sll$ anomalies
- ◇ Experimental challenges for future measurements
- ◇ Connections to R_D, R_{D^*}, ...
- ◇ Connections to $b \to dll$
- ◇ Connections to $b \to s\nu\nu$, $b \to s\tau\tau$
- ◇ Connections to $g-2$, B-mixing, CPV,...
- ◇ Connections to high-q^2 physics
- ◇ BSM models to explain anomalies
- ◇ Hadronic corrections

Local Organising Committee:

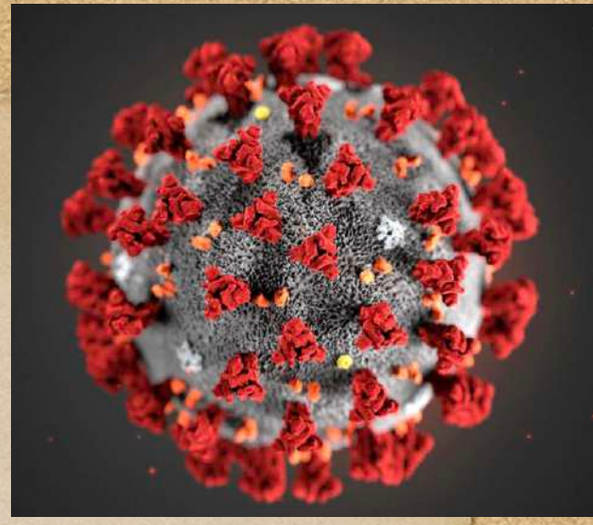
- Maria Laura Piscopo
- Christos Vlahos
- Alexander Lenz

Organising Committee:

- Martin Bauer (IPPP)
- Alexander Lenz (IPPP)
- Michael McCann (Imperial)
- Mitesh Patel (Imperial)
- Kostas Petridis (Bristol)
- Michael Spannowsky (IPPP)



Thanks to all of you for agreeing
to make this event happen
despite these problematic times



We strongly hope all of you/your families/friends are fine

Nevertheless/Because of that we will try to keep up the good mood, keep things going and make the best out of the current situation.

In Durham things are still ok
For me the most troublesome development so far was

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So I was immediately checking my former PhD student Matthew Kirk who is now post-doc in Rome

And I got this reply

Relief from Rome

May your supermarkets look like that!

The virtual Durham Anomaly workshop

- **Please try to commit as much time as possible for the workshop in the next days**

- **Please contribute to the discussions, think about questions,…, virtual raising of hands**

- **Please try to switch on the video - as long as the bandwidth is ok**

Unfortunately you will miss

Unfortunately you will miss

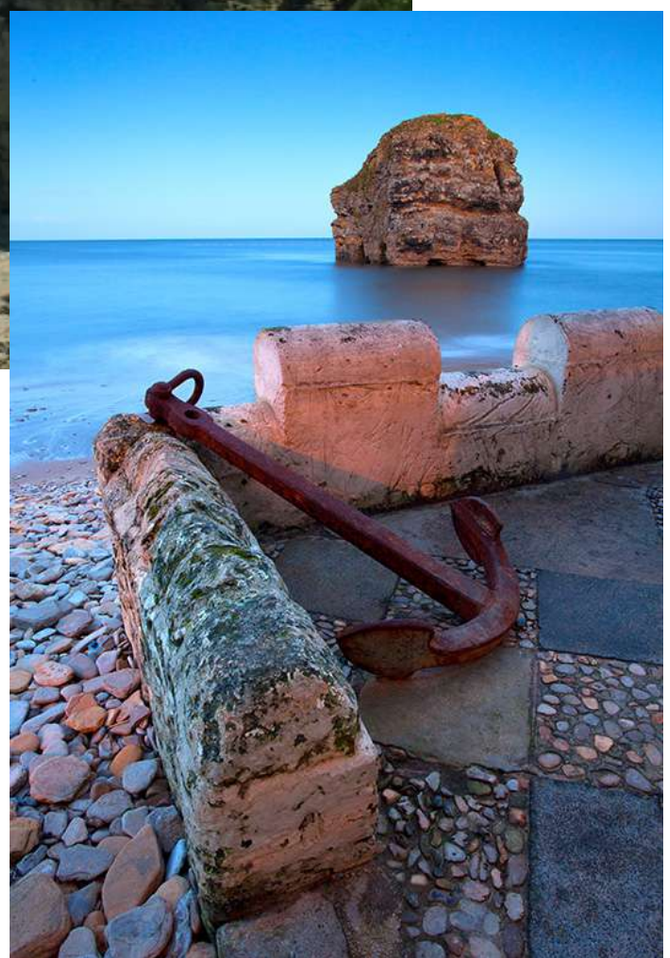
- **Cathedral and Castle since 1986 UNESCO World Heritage**
- **1093 work began at Cathedral / 1072 at Castle**
- **St. Cuthbert - The venerable Bede**

Unfortunately you will miss

Victoria Inn

Unfortunately you will miss

Pirate Cave at Marsden Bay
South of South Shields
roughly 45min by coach



Virtual Pub

Today: after last talk till 18:30
Tomorrow: After last talk till 18:30

- **Sit relaxed with your favourite drink in front of the computer**
- **Discuss with your colleagues:**
  - **Physics**
  - **How will the world change after Corona?**
  - **Less conferences?**
  - **Why are sum rules better than lattice? :-)**
  - **My Barcelona poll about the most interesting future CPV observables**