

Heavy Flavour 20xx- Quo vadis?

From 20th till 22nd of June 2023 the second edition of the workshop "Heavy Flavour 20xx- Quo vadis?" was taking place in Ardbeg, Scotland. The aim of this workshop was to bring together around 30 highly qualified researchers in the field of quark flavour physics in a secluded place in order to discuss the status and the future of the field. The remoteness of Islay ensured that no participant could escape the after workshop discussions and it also had softening effects on the travel budget of the participants. Ardbeg liked the double-meaning of the expression "heavy flavour" - to either describe their own spiritual products or our research field studying heavy quarks - so much, that they again offered rooms inside the distillery to host us. Wednesday afternoon was devoted to common social activities and people could either study the whisky production process or take part in a boat tour along the scenic coast of Islay.

Scientifically many discussion centred around the so-called B-anomalies, discrepancies between experimental measurements and predictions within the standard model of particle physics. If these anomalies would turn out to be real effects, then they would have the potential to revolutionise our understanding of the microcosms. Therefore it is crucial to investigate any possible experimental or theoretical effect within the standard model that could mimic such a discrepancy. In that respect many lively discussions with differing opinions were held, while the future of the field was unambiguously seen very bright.

The event was sponsored by IPPP, Durham University, by Siegen University and by Edinburgh University.

