Flavor at the Crossroads

April 19, 2022 - April 29, 2022

Mainz Institute for Theoretical Physics,
Johannes Gutenberg University

Scientific Program

The goals of this Scientific Program are the following:

- In-depth discussion of the most recent experimental results from LHCb, Belle II, Muon $g-2$, KOTO, and NA62.
- Study of the complementarity between low- and high-energy data sets, taking into consideration the most recent high-p_T results from ATLAS and CMS.
- Bring together theorists and experimentalists to discuss the present status of the various flavor analyses and the necessary SM predictions, and propose new directions in view of the results from LHCb and Belle II.
- Interpretation of the experimental results from a BSM perspective, with emphasis on the possible interplay with other observables and their theoretical implications.