



Contribution ID: 176

Type: **Contributed talk**

## Charm Meson Decays at Belle II

*Tuesday, 9 July 2024 16:30 (25 minutes)*

Charm physics, which involves a heavy up-type quark, offers a unique environment in which to search for new particles and couplings beyond the Standard Model. Studies with charmed hadron decays complement those in B physics, expanding the potential to observe BSM phenomena. The Belle II experiment has an active charm physics program that includes studies of rare decays, CP violation, flavor mixing, and spectroscopy. This talk will include a review of the status and prospects for the charm physics program at Belle II.

### **session**

D. Hadron Decays

**Primary author:** BENNETT, Jake (University of Mississippi)

**Presenter:** BENNETT, Jake (University of Mississippi)

**Session Classification:** D. Hadron Decays