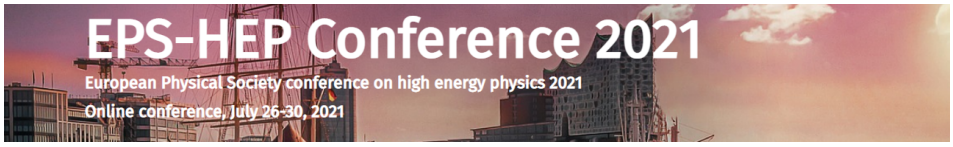

Contribution ID: **1110** Type: **Parallel session talk**

Flavor physics at FCC-ee with focus on Bc->tau nu

Monday 26 July 2021 17:45 (15 minutes)

Z-pole operation at FCC-ee offers a unique laboratory for flavor physics, with the anticipated production of 10^12 b-quarks and the opportunity for triggerless data-taking in a clean e+e- collision environment. Using new simulation and analysis tools developed for FCC-ee physics and performance studies, theoretically compelling beauty, charm, and tau decay modes are studied in order to evaluate key performance metrics and expected yields. Comparisons with LHCb Upgrade and Belle-II are performed, in order to highlight areas within flavor physics where FCC-ee measurements can be highly impactful.

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Collaboration / Activity

FCC

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Session Classification: T08: Flavour Physics and CP Violation

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