



Contribution ID: 19

Type: **Oral Presentation**

Physics at FCC-ee

Tuesday, 30 July 2019 14:00 (23 minutes)

The future circular collider (FCC) study released a conceptual design report (CDR) in January 2019. An electron machine is considered as a first step (FCC-ee) with up to four detectors. FCC-ee is capable of very high luminosities in a wide center-of-mass (ECM) spectrum from 90 to 365 GeV. FCC-ee provides a clean experimental environment, produces high luminosity for precision measurements of the Higgs boson, W and Z bosons, and the top-quark. Precision searches will test the consistency of the Standard Model and push the sensitivity to new physics at high scales.

Primary author: KLUTE, Markus (Massachusetts Inst. of Technology (US))

Presenter: KLUTE, Markus (Massachusetts Inst. of Technology (US))

Session Classification: Higgs & Electroweak Physics

Track Classification: Higgs & Electroweak Physics