



Contribution ID: 660

Type: **Presentation**

## Cross section and differential distributions for top quarks near the production threshold

*Thursday, June 27, 2019 9:30 AM (20 minutes)*

A top threshold scan at the FCC-ee could provide a measurement of the top-quark mass in a well-defined scheme with unrivaled precision as well as a determination of the top-quark width and Yukawa coupling. The threshold region is subject to two interesting effects, the strong color-Coulomb attraction between the top quarks which drives the formation of toponium resonances and the fast top-quark decays which impedes this formation, and both need to be incorporated in a sophisticated effective theory framework to obtain reliable results. I review the current status of theoretical predictions for the inclusive  $W^+W^-b\bar{b}$  cross section and differential distributions and present sensitivity estimates for the mass and other parameters.

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**Session Classification:** FCC physics, experiments & detectors

**Track Classification:** Physics