



Contribution ID: 80

Type: **Oral Presentation**

## Theoretical predictions for top-quark production processes

*Thursday, 1 August 2019 14:00 (20 minutes)*

I present theoretical results through three loops and N<sup>3</sup>LO for soft-gluon corrections in a variety of processes involving top-quark production. In particular, I present results for total cross sections and differential distributions in single-top production and top-pair production as well as in top-quark processes with electroweak bosons and new physics.

**Primary author:** KIDONAKIS, Nikolaos (Kennesaw State University)

**Presenter:** KIDONAKIS, Nikolaos (Kennesaw State University)

**Session Classification:** Top Quark Physics

**Track Classification:** Top Quark Physics