

## Theoretical Results for Charged-Higgs Production

*Wednesday, 30 May 2018 18:10 (20 minutes)*

I discuss charged-Higgs production via two different processes: in association with a top quark, and in association with a  $W$  boson. I present total cross sections and differential distributions that include higher-order corrections from soft and collinear gluon emission. I show that these radiative corrections are significant.

### E-mail

[nkidonak@kennesaw.edu](mailto:nkidonak@kennesaw.edu)

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

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

**Session Classification:** Physics at High Energies

**Track Classification:** PHE