



Contribution ID: 115

Type: **Talk**

## Cosmic Ray Production from (Extreme) Blazars

*Thursday, 24 January 2019 14:40 (40 minutes)*

Extreme blazars prove themselves to be efficient particles accelerators, giving rise to some of the highest energy, and hardest spectral emission of all blazars. The nature of processes giving rise to this emission remains, with both leptonic and hadronic scenarios being put forward. I will try to balance up the arguments for and against these two scenarios, highlighting potential means by which they can be further tested. It will also be discussed how such sources may fit into the more general framework of blazars as cosmic ray sources.

**Primary author:** Dr TAYLOR, Andrew (DESY)**Presenter:** Dr TAYLOR, Andrew (DESY)**Session Classification:** Connection to UHECR**Track Classification:** Main track