

Contribution ID: 61

Type: **not specified**

## Steep Circumgalactic Entropy Profiles Around Powerful Radio Sources

*Wednesday, 17 August 2022 09:50 (25 minutes)*

I will present (relatively) high resolution Chandra X-ray profiles around (again, relatively) nearby but powerful radio sources. These profiles show steeply increasing gas entropy profiles from the central black holes to the outskirts. I will explain why these profiles are not “runaway” events, but evidence of how AGN regulation works when the AGN feedback energy is dumped far from the central source.

**Primary author:** DONAHUE, Megan (Michigan State University)

**Presenter:** DONAHUE, Megan (Michigan State University)

**Session Classification:** Wednesday morning: AGN feedback