Contribution ID: **80** Type: **not specified**

Cavity Detection Tool (CADET)

Tuesday 16 August 2022 09:50 (5 minutes)

The study of jet-inflated X-ray cavities in early-type galaxies provides a powerful insight into the energetics of galactic atmospheres and the AGN feedback phenomenon. Properly estimating their total extent is, however, non-trivial, prone to biases and nearly impossible for poor-quality data. We present a novel and automized method developed for producing unbiased size estimates of X-ray cavities from raw Chandra images.

Author: PLŠEK, Tomáš (Masaryk University)

Presenter: PLŠEK, Tomáš (Masaryk University)

Session Classification: Tuesday morning: Turbulence