

Contribution ID: 74

Type: **not specified**

A relic of the past cluster-size AGN explosion in the Ophiuchus cluster

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

I will show new X-ray results confirming the existence of the most energetic AGN explosion ever found in a galaxy cluster. New radio data for the relic lobe will also be shown.

I will also show a mission concept for a new X-ray Probe, Line Emission Mapper, a microcalorimeter array with a large field of view sensitive to soft X-rays (exceeding Athena in grasp by factor 15), and solicit ideas for investigations of ICM physics.

Primary author: MARKEVITCH, Maxim (NASA GSFC)

Presenter: MARKEVITCH, Maxim (NASA GSFC)

Session Classification: Wednesday morning: AGN feedback