Contribution ID: **20**   Type: **not specified**

Strong lensing constraints on the small scale structure of galaxy clusters

Wednesday, 6 July 2022 15:00 (45 minutes)

I will discuss how strong lensing can be used to constrain the small-scale structure of galaxy clusters. I will discuss how recent observational results compare with predictions from numerical hydrodynamical simulations. In particular, I will show that current simulations in the context of the LCDM cosmological model fail to reproduce the observed abundance of galaxy-galaxy strong lensing events in galaxy clusters.

Presenter: MENEGHETTI, Massimo

Session Classification: Afternoon session