

# The Third National Workshop on the SKA Project - The Italian Route to the SKAO Revolution



Contribution ID: 37

Type: **not specified**

## The Coma cluster at LOFAR frequencies

*Wednesday, 6 October 2021 12:20 (20 minutes)*

In this talk, I will present new results from LOFAR observations of the Coma cluster. Low frequency and high sensitivity data allow us to map the emission in detail, discover new emission associated to the large-scale structure around the cluster, and constrain particle acceleration mechanisms in the halo, bridge, and relic.

### Research area

Extragalactic Continuum (galaxies/AGN, galaxy clusters)

**Primary author:** BONAFEDE, Annalisa (Bologna University & INAF)

**Presenter:** BONAFEDE, Annalisa (Bologna University & INAF)

**Session Classification:** Non-Thermal Processes in Galaxy Clusters