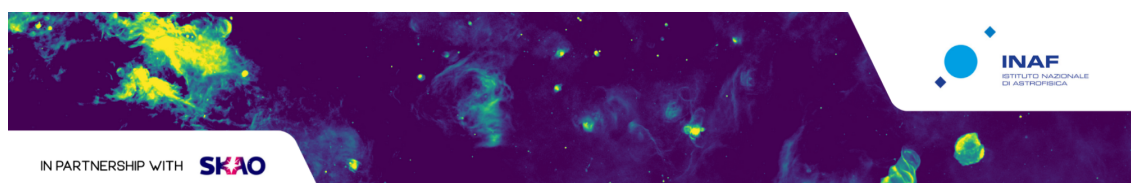


## Session Program

24-28 Nov 2025



# The Fifth National Workshop on the SKA Project

## *Galaxy clusters & LSS*

Bologna, Area della Ricerca del CNR , Centro Congressi  
Via P. Gobetti 101

# Wednesday 26 November

16:30

## Galaxy clusters & LSS

**Session** | **Location:** Bologna, Area della Ricerca del CNR , Centro Congressi, Via P. Gobetti 101 | **Convener:**  
Chair: Rossella Cassano

16:30–16:45 **Introduction - Report from SWG**

**Speaker**  
Rossella Cassano

16:45–17:00  
**Study of polarized emission in radio halos and filaments in the SKA era (remote talk)**

**Speaker**  
Valentina Vacca

17:00–17:15 **Revealing the Magnetic Landscape of Galaxy Clusters with SKA**

**Speaker**  
Francesca Loi

17:15–17:30 **Magnetic fields in galaxy clusters in the SKA (and its precursors) era**

**Speaker**  
Annalisa Bonafede

17:30–17:45 **The LOFAR Decameter Sky Survey: status and lessons for SKA-Low**

**Speaker**  
Christian Groeneveld

17:45–18:00 **Magnetic fields in proto-clusters towards the SKAO era**

**Speaker**  
Annalisa Pagliotta

18:00

# Thursday 27 November

09:00

## Galaxy clusters & LSS: Galaxy Clusters & LSS

**Session** | **Location:** Bologna, Area della Ricerca del CNR , Centro Congressi, Via P. Gobetti 101 | **Convener:** Chair: Tiziana Venturi

09:00–09:15

### Non-thermal filaments in galaxy clusters with LOFAR-VLBI (remote talk)

#### Speaker

Emanuele De Rubeis

09:15–09:30

### Evolution of large-scale magnetism through SKA and its precursors

#### Speaker

Gabriella Di Gennaro

09:30–09:45

### Unveiling the spectral properties of radio halos in LoTSS Galaxy Clusters

#### Speaker

Ms Koushika Sri Lakshmi Srikanth

09:45–10:00

### New scaling relations for the galaxy cluster diffuse radio emission

#### Speaker

Marco Balboni

10:00–10:15

### The Large-Scale Structure on the Universe through the SKA lenses

#### Speaker

Dr Virginia Cuciti

10:15–10:30

### Probing clusters outskirts: what can megahalos tell us?

#### Speaker

Matteo Cianfaglione

10:30–10:45

### MeerKAT observations of galaxy clusters

#### Speaker

Andrea Botteon

10:45–11:00

### ViCTORIA project: the MeerKAT Virgo Cluster Survey

#### Speaker

Alessandro Benati

11:00

11:30

## Galaxy clusters & LSS

**Session** | **Location:** Bologna, Area della Ricerca del CNR , Centro Congressi, Via P. Gobetti 101 | **Convener:** Chair: Rossella Cassano

11:30–11:45

### Exploring the physics of ram pressure stripping in clusters and groups with SKA

#### Speaker

Alessandro Ignesti

11:45-12:00

## **AGN feedback in the most massive structures: radio jets heating of groups and clusters**

**Speaker**

Francesco Ubertosi

12:00-12:15

## **Tracing magnetic fields in the cosmic web: insights from ASKAP and prospects with SKA**

**Speaker**

Chiara Stuardi

12:15-12:30

## **Searching for revived fossil plasma sources in galaxy clusters**

**Speaker**

Luca Bruno

12:30