



# The Fourth National Workshop on the SKA Project

## Wednesday 29 November 2023

### **Parallel - Galaxy Clusters & Magnetism: Groups, Clusters, LSS - Department of Physics, Aula Magna (09:00 - 11:00)**

-Conveners: Rossella Cassano; Valentina Vacca

| time  | [id] title  | presenter                |
|-------|---|--------------------------|
| 09:00 | [36] Shocks (among us) in the IGrM of HCG15   | RISELEY, Christopher     |
| 09:20 | [22] Recovering diffuse extended emission in the SKA era  | BRUNO, Luca              |
| 09:40 | [15] Addressing the challenges of deep LOFAR observations of the Coma galaxy cluster                              | STUARDI, Chiara          |
| 10:00 | [182] Constraining the origin of radio halos in galaxy clusters   | PASINI, Thomas           |
| 10:20 | [20] Probing diffuse radio emission in bridges between galaxy clusters  | PIGNATARO, Giada Venusta |
| 10:40 | [58] Combining single dish and interferometric observations of galaxy clusters: the case of the cluster CL0217+70 | MARCHEGIANI, Paolo       |

### **Parallel - Galaxy Clusters & Magnetism: Magnetism, radio galaxies in high density environments - Department of Physics, Aula Magna (11:30 - 13:00)**

-Conveners: Rossella Cassano; Valentina Vacca

| time  | [id] title   | presenter           |
|-------|--|---------------------|
| 11:30 | [160] First results from the MeerKAT Fornax Survey (broadband continuum data)                              | LOI, Francesca      |
| 11:50 | [30] The key role of magnetic field to disentangle radio emission in the mini halo of RBS797               | BONAFEDE, Annalisa  |
| 12:10 | [4] Physics of the oldest phases of AGN bubbles in a galaxy group  | BRIENZA, Marisa     |
| 12:30 | [34] An ILT view of radio galaxies in Abell 2255: a scientific and technical challenge towards the SKA era | DE RUBEIS, Emanuele |

### **Parallel - Galaxy Clusters & Magnetism - Department of Physics, Aula D (16:30 - 18:00)**

-Conveners: Rossella Cassano; Valentina Vacca

| time  | [id] title       | presenter |
|-------|------------------|-----------|
| 16:30 | [174] Discussion |           |