

Post-Doc position

Non-thermal emission in galaxy clusters with SKA precursors Supervisor: Annalisa Bonafede



European Research Council
Executive Agency



ALMA MATER STUDIORUM
UNIVERSITÀ DI BOLOGNA

We are offering 1-year Post Doc position at the University of Bologna to study the non-thermal emission from galaxy clusters with the SKA precursor

Requirements and preferred titles

The ideal candidates should have a master degree in astronomy or physics, a previous experience as PhD student, and as a Post Doc already. A good knowledge of the non-thermal phenomena in extragalactic objects, and experience with radio interferometric observations in total intensity and polarisations will be positively evaluated.

Research context:

This postdoc is part of a larger project DRANOEL (*Deciphering RAdio NOn-Thermal Emission on the Largest-scale*) financed by the European Research Council (ERC-2016-STG 71425). The Post Doc will work in close contacts with the other group members and will be part of the LOFAR cluster group within the Survey key science project and magnetism key science project.

The Post Doc will have privileged use of state-of-the-art computing facilities and early access to large survey data from LOFAR. The successful candidate will be part of the LOFAR collaboration, which includes hundreds of scientists across the European continent. Funding for travel to attend and present at domestic and international meetings are available.

The University of Bologna offers a diverse and rich research environment. The astronomy group is located in a campus together with two departments of the Italian institute for astrophysics - INAF - (IRA - radio astronomy institute and Astrophysical observatory).

For more information, contact
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