

The University of Bologna & INAF invites applications for a  
PhD in Radioastronomy  
"Magnetic field amplification by shocks in galaxy clusters" "

The selected candidate will work under the supervision of A. Bonafede within the ERC funded project "DRANOEL Deciphering Radio NO thermal Emission on the largest scales"

He/She will work with new JVLA (Jansky Very Large Array), GMRT (Giant Meterwave Radio Telescope), and LOFAR (LOW Frequency ARray) data. The PhD candidate will develop unique expertise in observing and interpreting radio observations in polarisation, and will closely interact with the other members of the group and of the LOFAR collaboration. Funding for travel is available.

The deadline to apply is 29.5.2017 at 13.00 CEST. Details for the application process are given here

<http://www.unibo.it/en/teaching/phd/2017-2018/astrophysics>

More information about the PhD project can be found at <http://www.ira.inaf.it/~abonafede/PhD1.pdf> Eligible candidates will be requested to give an oral interview on 17.07.2017. The PhD project will start on November 1st.

For further information on this PhD project (but not to send applications) please contact [abonafede@ira.inaf.it](mailto:abonafede@ira.inaf.it)