

Letters of Interest Submission



Contribution ID: 51

Type: **not specified**

Development in Africa with Radio Astronomy

The Development in Africa with Radio Astronomy project (DARA www.dara-project.org) and has provided a basic training in radio astronomy to over 300 young graduates across the eight African countries that partner South Africa in hosting the mid-frequency SKA. Postgraduate training has also been provided to 26 MSc and 9 PhD African students, mostly at UK universities. The training provided entrepreneurial skills and an awareness of how the research, technological, computing skills in radio astronomy translate in to the space sector through partnerships with industrial a commercial SME in the UK and the South African National Space Agency. The sister project DARA Big Data (www.darabigdata.com) expanded this to show how the data intensive skills in radio astronomy can be applied to the health and agricultural sectors. Partly in response to the pandemic a repository of recorded lecture material and workshop exercises have been built up. The Ghana Radio Astronomy Observatory is also now in a position to host practical radio astronomy training events in addition to the Hartebeesthoek Radio Astronomy Observatory in South Africa. The networks and partnerships built up as part of DARA are looking for ways to continue and expand the project.

Primary Category

Astrophysics & Cosmology

Secondary Category

NONE

Subgroup categories

Astro&Cosmo—Astronomy for development

Did you / will you submit this LOI to another category?

NO

Additional Information

NONE

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