

MeerKAT open time call 3 December - Proposal summary

The third method to study intracluster plasmas	
Proposal number 7	Wed Jan 30 2019 14:12:15 GMT+0200 (SAST)
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Abstract:

We request 3 hrs observing time in order to search for emission scattered around Hydra A and exploit the radio method for studying intracluster plasmas. This method proposed by Prof. Rashid Sunyaev about 35 years ago is an important alternative to the two existing methods allowed by observations in X-rays or via the SZ effect. MeerKAT is well suited to achieve the high dynamic range required for this scientific case.

Observation parameters:

Targets	Hydra A (RA=139.523620 deg, DEC=-12.095543 deg)		
Total time	3 in 1 epochs	Dump rate	8 s
Daytime	Nighttime preferred	Variable/Transient	No
Baselines	at least 3 baselines shorter than 50 m, and 7 baselines between 50m and 100m		

List of files uploaded. Files in order of upload. Usually just revising their proposal, so click the last one, but some people attached several different files, so they may all be useful.
<https://drive.google.com/open?id=1Wus2CxaENYQP-44Dk0vvYzrag7rdINlr> .

File comments: