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A Study Of Potential Calibrators Using The KAT-7 Telescope

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Abstract content
   (Max 300 words)
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We studied Active Galactic Nuclei (AGN) as potential calibrators, which were observed by the Karoo Array Telescope (KAT-7) between Oct 13, 2012 and Feb 23, 2013. The KAT-7 is an engineering prototype for the coming sensitive array, the MeerKAT, one of the pathfinders for the Square Kilometer Array (SKA). The KAT-7, whose construction started in early 2008, has been undergoing engineering and science verifications since late 2010. In this presentation, we report the flux-density and position measurement accuracy of the KAT-7. Moreover, we explain the first steps towards identifying possible flux-density standards using variability metrics for short baseline interferometers such as the KAT-7.

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Prof Oleg Smirnov:
email: o.smirnov@ru.ac.za
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Primary author: Mr KASSAYE, Ermias (Rhodes University, Department of Physics)

Co-authors: Prof. BASSETT, Bruce (University of Cape Town (UCT)); Dr OOZEER, Nadeem (Square Kilometer Array, South Africa)

Presenter: Mr KASSAYE, Ermias (Rhodes University, Department of Physics)

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