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Type: Oral Presentation

ThunderKAT: The MeerKAT Large Survey Project for Radio Transients

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ThunderKAT is one of ten accepted MeerKAT Large Survey Projects. ThunderKAT will study all aspects of transient radio emission associated with accretion and explosive events. Through a comprehensive and complementary programme of monitoring Galactic synchrotron transients (across a range of compact accretors and a range of other explosive phenomena) and exploring distinct populations of extragalactic synchrotron transients (microquasars, supernovae (SNe) and possibly yet unknown transient phenomena) we will revolutionise our understanding of the dynamic and explosive transient radio sky. We will give an overview of ThunderKAT and discuss the prospects of studying the transient sky with KAT-7.

Level (Hons, MSc, PhD, other)?

other

Consider for a student award (Yes / No)?

no

**Would you like to
 submit a short paper
 for the Conference
 Proceedings (Yes / No)?**

yes

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