

CoE-MaSS weekly seminar series

THE DST-NRF CENTRE OF EXCELLENCE IN
MATHEMATICAL AND STATISTICAL SCIENCES (CoE-MaSS)
PRESENTS A SEMINAR BY

Prof Russ Taylor

*(Director: Inter-University Institute for Data Intensive
Astronomy;
Professor & SKA Research Chair: UCT and UWC)*

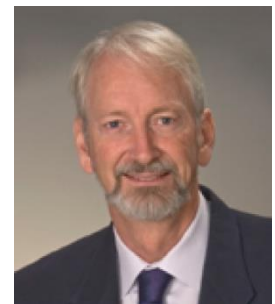
“The Square Kilometre Array: Big Telescope, Big Science, Big Data”

Friday, 19 July 2019

10h30-11h30

CoE-MaSS Seminar Room, 1st floor, MSB, Wits.

The Square Kilometre Array (SKA) is one of the largest scientific projects ever undertaken. Under development by an international consortium of twelve countries, it is designed to answer our biggest questions about the universe. The SKA telescope dish array is coming to South Africa. When completed it will consist of thousands of radio antennas spread out over an area of thousands of kilometres in Southern Africa. The MeerKAT telescope just completed in the Great Karoo is the first element of the SKA and begins the scientific and technological journey. MeerKAT also foreshadows one of the most significant data challenges of the coming decade and the beginning a new era of South African big data in radio astronomy. Researchers working at the forefront of data science will be critical to South African leadership in the SKA science enterprise



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Please ***mute your microphone*** so that there is no feedback from your side into the virtual room. During the Q&A slot you can then unmute your microphone if you have a question to ask the speaker. Thank you.

