



## Project: Square Kilometre Array (SKA)

Prof. Robert Braun, Science Director, SKA Organisation

The Square Kilometre Array: an Astronomer's Dream Science Machine



### Abstract:

- The Square Kilometre Array (SKA) is an ambitious project to build a radio telescope that will revolutionise our understanding of the Universe and the laws of fundamental physics. It will be the world's largest scientific instrument, built in two Phases. SKA1 will make highly competitive contributions to addressing fundamental questions in physics and astrophysics, while SKA2 will define a new benchmark in these fields. In this presentation I will summarise the current status of the project as well as demonstrating some of its amazing scientific potential.

### About the Speaker:

- Prof. Braun currently fills the role of Science Director of the SKA Organisation. He has published more than 250 scientific papers attracting some 7000 citations in a career spanning 35 years. He has previously led the scientific staff of the ASTRON Institute in the Netherlands and CSIRO Astronomy and Space Science in Australia.

