

## **SKA Video Transcript - Professor Carole Mundell**

The Square Kilometre Array is one of the most exciting current global science projects. It will be the world's largest radio telescope and it will transform our view of the Universe. It is an international effort with the UK taking a leading role. Scientists will use the SKA to investigate the nature of gravity and challenge Einstein's famous General Theory of Relativity.

The array will be so sensitive it will open a new view on the cosmic dawn to allow us to understand how the first stars and black holes formed and with it, we will study the very cradle of life. To search for complex molecules, the building blocks of life in outer space and ultimately to ask: are we alone?

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