Shanghai 65m Radio Telescope

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Abstract

The Shanghai 65m radio telescope is a new general purpose, fully steerable radio telescope currently being built. It will have a main reflector of 65-m in diameter with a shaped Cassegrain configuration. It will operate in a wide frequency range (from 1.4 GHz to 43 GHz). The primary active surface will be installed to improve the efficiency at high frequencies. It will be in full operation in 2015 with the first commissioning observations in 2012-2013. Some updates of the construction and other related topics of the Shanghai 65m radio telescope project will be reported.