



The FASR Reference Instrument

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The Frequency Agile Solar Radiotelescope (FASR) is a radioheliograph designed to perform dynamic broadband imaging spectroscopy over a frequency range of 50 MHz to 20 GHz. It will do so with high time, frequency, and angular resolution. Currently in the design stage, it will address an extremely broad science program, including coronal magnetography, energetic phenomena such as flares and coronal mass ejections, the corona and inner heliosphere, and space weather. This paper introduces the FASR reference instrument and presents the operations plan. The current project status is also discussed.