

**On Remotely Measuring the Interplanetary Magnetic Field**

*Spann, James F. (1), [jim.spann@nasa.gov](mailto:jim.spann@nasa.gov); and Mian M. Abbas (1).*

*(1) NASA Marshall Space Flight Center, Huntsville, AL, USA*

Measuring the interstellar magnetic field remotely as it traverses interplanetary space provides significant advancement in our ability to predict the impact of space weather on Earth and at other magnetized bodies. In this talk we present an observational concept for remotely measuring the interplanetary magnetic field and the associated supporting research that is needed for this concept to be realized.