

# Meeting-in-a-Meeting

***Low Radio Frequency Observations from Space***  
***June 5 – 6, 2018 · Denver, Colorado***

The space environment, particularly the farside of the Moon, will further open a window to the low radio frequency universe. Join us to learn more.

## **SESSION 1:**

**Low Radio Frequency Heliophysics from Space**

Robert MacDowall (NASA GSFC)  
Heino Falcke (Radboud U.)  
Sofia Moschou (SAO)  
Thejappa Golla (U. Maryland  
at NASA GSFC)  
Justin Kasper (U. Michigan)

Radio cubesats and space-based arrays will investigate the impacts of the Sun's activity, interplanetary plasmas, and interstellar inputs on the energetic particle and dust environment in the inner solar system.

## **SESSION 2:**

**Magnetospheres & Space Weather Environments of Extrasolar Planets**

### **Invited Speakers**

Gregg Hallinan (Caltech)  
Peter Williams (CfA)  
Joseph Lazio (NASA JPL)  
Rachel Osten (STScI)  
Jake Turner (U. Virginia)

Low frequency radio arrays will probe extrasolar space weather and detect magnetospheres of potentially habitable exoplanets.

## **SESSION 3:**

**Redshifted 21-cm Hydrogen Cosmology from Space**

Judd Bowman (ASU)  
Jonathan Pober (Brown U.)  
Anastasia Fialkov (CfA)  
Jack Burns (U. Colorado)  
David Rapetti (U. Colorado & NASA Ames)

Hydrogen cosmology with single antennas (monopole) and arrays (power spectrum) will open a new window into Cosmic Dawn.