

2016 Workshop: HAARP and CEDAR

Long title

HAARP Application to CEDAR Science

Conveners

William Bristow

David Hysell

Description

This workshop is intended to continue progress in defining a science plan for the HAARP facility now that it is under control of the CEDAR community. It will be a continuation of work started at last year's CEDAR meeting and in a workshop held in May of this year. In addition to defining science for the heating facility, options for establishing an ISR at the site will be discussed.

Justification

The HAARP ionospheric heating facility and observatory has great potential for investigation of the upper atmosphere. The challenge's it can address range from understanding basic ionospheric plasma physics, to determining properties of plasma-neutral coupling, to understanding magnetospheric wave-particle interactions.

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