2011 Workshop: Outflow MMM Planning Session

Long title
Outflow Modeling, Measuring and Merging Planning Session
CEDAR-GEM
Conveners
Dan Welling
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Description

The Ionospheric Source of Magnetospheric Plasma: Modeling, Measuring, and Merging into the GEM GGCM focus group (or simply Outflow MMM) is a newly developed focus group aimed at combining research on ionospheric outflow with Geospace General Circulation Models (GGCMs). The focus group has four major goals: refine existing outflow models through data-model comparisons, merge these models into the GGCMs and examine the impact on the magnetosphere, evaluate the coupled codes through data-model comparisons, and examine feedback from the magnetosphere to the ionospheric outflow. This session will summarize the Outflow MMM sessions that have taken place throughout the workshop and work with the GEM and CEDAR communities to plan for the future of the 5-year focus group.

Justification

This workshop will be an important element of the new GEM Focus Group on The Ionospheric Source of Magnetospheric Plasma. It is one of a set of workshops that are being proposed for the CEDAR-GEM meeting in order to kick-off this new area of study.

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