# 2011 Workshop: Measurements of Ion Outflow

Long title
Measurements of Ion Outflow in the Ionosphere and Magnetosphere
CEDAR-GEM
Conveners
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Description

The Earth’s ionosphere has been shown to be a significant contributor of plasma to different particle populations of the magnetosphere. Through a variety of energization processes, the low energy ionospheric particles are transported from low altitudes upward into the magnetosphere where they can become more energized and can help create fundamentally important regions such as the plasma sheet and ring current. This workshop will review and discuss observations of outflow in the ionosphere and magnetosphere as a stimulus for refining existing outflow models.

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 joint study.

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