

Auroral Precipitation and High Latitude Electrodynamics Working Team Sessions

- Two sessions Monday afternoon
- Joint session with Ground Magnetic Perturbation Group
- Infiltration of Neutral Density, TEC, and Scintillation Group Sessions
- Joint session with all Ionosphere Working Groups

Auroral Precipitation and High Latitude Electrodynamics Working Team Discussions

	Models	Space-Based Data	Ground-Based Data
GUVI/SSUSI Optical Observations		■	
UCLA MHD Models	■		
AMPERE Electrodynamic Parameters		■	
Interplanetary Scintillations		■	
Aurorasaurus			■
Equivalent currents from magnetometers			■
Rice Convection Model	■		

Interaction with Other Teams

- Feedback from other teams:
 - **Auroral Conductivities**
 - **Precipitating Particles Fluxes**
 - Joule Heating
 - **Electric Fields**
 - Currents
 - **Magnetic Indices**
 - Auroral Boundaries
 - **Bright Aurora Occurrence**
 - **Penetration Electric Fields**
- Coordination among groups on event selection

Issues or Problems

- How to take into account end user requirements
- Distinguishing between scientific vs operations metrics
- Ambiguity of Metrics (Auroral Boundaries)
- Ground-truth—How do we know what's right
- Metrics for two-dimensional data
- Ring Current/Subauroral/REP metrics