

**NOTE, ALL TIMES LISTED IN THE AGENDA ARE IN THE US EASTERN STANDARD TIME ZONE (EST = UTC-05:00)**

Time (EST)	Monday (Nov 9)	Tuesday (Nov 10)
10:30-11:00	Introduction (Slava Merkin)	
	<b>S1. Ionosphere-Atmosphere Interactions</b> (Chair A. Maute)	<b>S3. The role of mesoscale plasmashet transport in the ring current build-up.</b> (Chair K. Sorathia)
11:00-11:40	<i>Scene-Setting (30 min talk/10 min Q/A)</i> <b>Stan Solomon</b> Ionosphere Frontiers	<i>Scene-Setting (30 min talk/10 min Q/A)</i> <b>Matina Gkioulidou</b> Testing the hypothesis: Synthesizing models with spatially confined observations
11:40-11:50	Discussion/Break, 10 min	Discussion/Break, 10 min
11:50-12:45	<i>Invited (30 min talk, 25 min discussion)</i> <b>Nick Pedatella</b> Modeling the effects of the lower atmosphere on the ionosphere-thermosphere	<i>Invited (30 min talk, 25 min discussion)</i> <b>Jian Yang</b> Effects of plasma-sheet bubble injections in the near-Earth magnetosphere
12:45-13:40	<i>Invited (30 min talk, 25 min discussion)</i> <b>Larisa Goncharenko</b> Coupling between the lower atmosphere and the thermosphere/ionosphere: observational perspective	<i>Invited (30 min talk, 25 min discussion)</i> <b>Larry Kepko</b> The need for tight integration of advanced models and multipoint measurements in the near-Earth transition region
13:40-14:40	Lunch	Lunch
	<b>S2. Storm enhanced density (SED), tongues of ionization (TOI), polar cap (PC) patches, and the geospace plume.</b> (Chair R. Varney)	<b>S4. Synergy between first-principles models and data analytics.</b> (Chair S. Vines)
14:40-15:20	<i>Scene-Setting (30 min talk/10 min Q/A)</i> <b>Bill Lotko</b> How do SED, TOIs, and PC patches influence geospace dynamics and vice versa?	<i>Scene-Setting (30 min talk/10 min Q/A)</i> <b>Shin Ohtani</b> Data-model comparison in geospace science: Different types of targets and examples
15:20-15:30	Discussion/Break, 10 min	Discussion/Break, 10 min
15:30-16:25	<i>Invited (30 min talk, 25 min discussion)</i> <b>Phil Erickson</b> Cold plasma effects across the full range of systems: the geospace plume	<i>Invited (30 min talk, 25 min discussion)</i> <b>Tomoko Matsuo</b> Data-driven modeling of high-latitude electrodynamics
16:25-17:20	<i>Invited (30 min talk, 25 min discussion)</i> <b>Ying Zou</b> Plasma transport at the cusp and the polar cap	<i>Invited (30 min talk, 25 min discussion)</i> <b>Jacob Bortnik</b> Data-driven modeling of the inner magnetosphere
17:20-17:35	Break, 15 min	Break, 15 min
17:35-18:35	Wrap-up discussion, possibly breakouts	Wrap-up discussion, possibly breakouts