

CEDAR 2011 SSW workshop

“Coupling between the lower and upper atmosphere during extreme meteorological events”

Monday, June 27, 2011

Room: Eldorado Sunset

1:30-3:30pm:

Larisa Goncharenko, Introduction – 5-10mins

Jens Oberheide, Short-term nonmigrating tidal variability during the Jan/Feb 2008 SSW event – 15mins

Fabiano Rodrigues, CNOFS data during SSW – 15 mins

Anthea Coster, Global TEC during SSW – 15mins

Jon Makela, Ionospheric airglow response to the tsunami generated by Tohoku Earthquake – 15 mins

Tim Fuller-Rowell, WAM simulations of SSW – 15 mins

Astrid Maute and Maura Hagan, SSW Event in January 2006 as Simulated by the TIME-GCM – 15 mins

Discussion – 20 mins

4-6pm:

Bela Fejer - Equatorial vertical plasma drift perturbations during SSW events – 15 mins

Richard Collins, Modeling and Lidar observations of MLT dynamics during elevated stratopause events – 15 mins

Chihoko Yamashita, Responses of the MLT dynamics to gravity wave variations associated with the 2009 Stratospheric Sudden Warming – 15 mins

Amal Chandran, Inter-annual variability in PW activity in the Arctic Lower thermosphere – 15 mins

Poster session highlights – 30 mins

Discussion – 30 mins