

Observations for aurora and relevant polar upper atmospheric changes at Jang Bogo station, Antarctica

Abstract

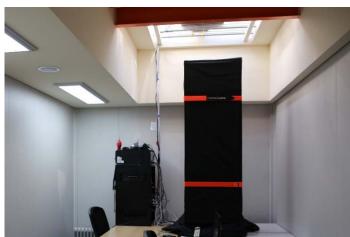
thermosphere.

Instruments



Ionosonde (Dynasonde-VIPIR) - Target: Ionosphere

- Data: Ionospheric profile from E-region to bottom side F-region - 2 min. temporal resolution (with Dynasonde B-mode pulse scheme)



Target: Neutral atmosphere Data: 250 km neutral wind nd temperatures

15 min. temporal resolution (6300 nm)

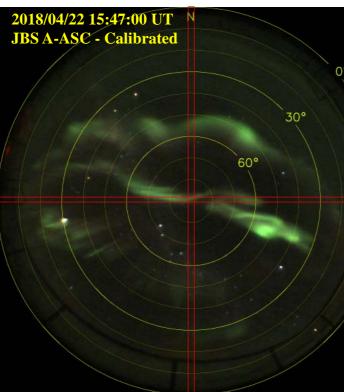


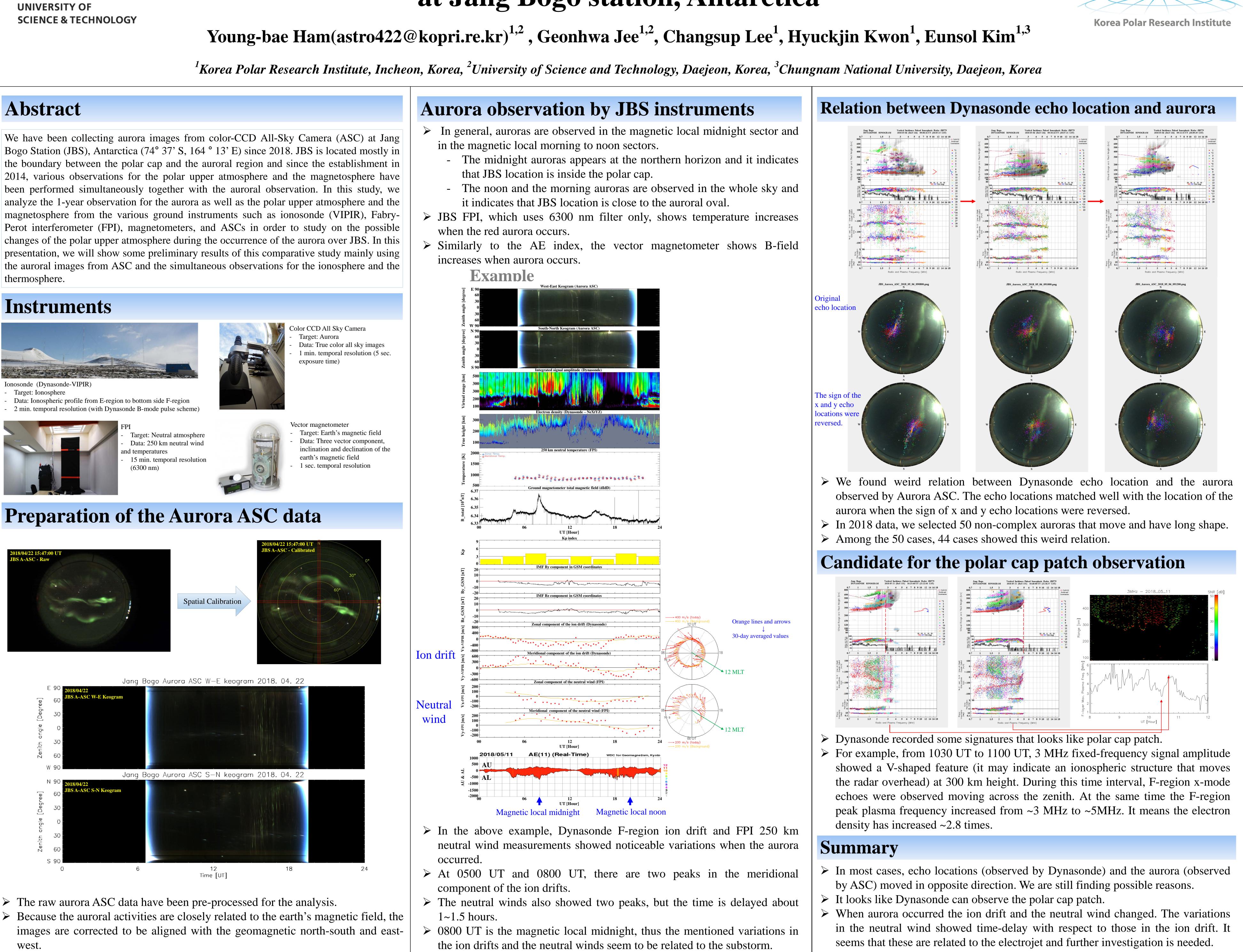
ector magnetometer

Preparation of the Aurora ASC data



Spatial Calibration





 \succ The raw aurora ASC data have been pre-processed for the analysis. west.

