

Technical Page

Proposal Type: Regular
 General Category: Terrestrial Aeronomy
 Sub-Category: Radar
 Observation Category: Ionospheric
 Total Time Requested: 36 Hours

Proposal Title: Study of unusual electron distribution functions in the winter day time E-region
ABSTRACT:

The variations of the density, temperature and energy distribution function of the electrons may give some clues about the energy balance in the Ionosphere. The purposes of the proposed measurements is to determine the variations of these parameters with geomagnetic activity and with electrodynamical ionospheric conditions. Of particular interest is the confirmation of measurements showing T_e well above T_i .

Name	Institution	E-mail	Phone	Student
Silvia N. Duhau	Buenos Aires University	duhau@df.uba.ar	(0541) 782-1007	N

Service Observing Request

Remote Observing Request

- None
- All of the observing run.
- Part of the observing run.
- Queue Observing

- No
- Maybe
- Yes

Instrument Setup

430 MHz CH receiver

Atmospheric Observation Instruments:

Ionosonde

Description of Observer Equipment:

Special Equipment or setup: Special setup: Software needs: Media needs:

RFI Considerations

Frequency Ranges Planned

see proposal