

Technical Page

This proposal has not been submitted before.

Proposal Type: Urgent
 General Category: Astronomy
 Observation Category: Solar System
 Total Time Requested: 200 Hours
 Minimum Useful Time:

Proposal Title: Interplanetary Scintillation Observations during the COVID-19 Curfew.

ABSTRACT:

We propose to perform routine multi-frequency interplanetary scintillation observations (when the near-Sun region is favorably located with respect to the Arecibo Telescope) during the COVID-19 curfew and during the periods with no maintenance conflicts. The data collected along the curfew will be available for the whole IPS community.

Name	Institution	E-mail	Phone	Student
P. K. Manoharan	Arecibo Observatory	mano@naic.edu	7878782612 ext 617	no

Remote Observing Request

- Observer will travel to AO
- Remote Observing
- In Absentia (instructions to operator)

Instrument Setup

430 G L-wide S-band receiver C S-low 327 X-band S-high C-wide ALFA

Atmospheric Observation Instruments:

Special Equipment or setup: none

RFI Considerations

Frequency Ranges Planned