

Rohit

Chhiber

NASA GSFC & U Delaware

Arcadi Usmanov, NASA GSFC & U Delaware

William Matthaeus, U Delaware

Melvyn Goldstein, SSI

Oral

A global magnetohydrodynamic model of the solar wind with turbulence transport is used to investigate the properties of an extended, fragmented, "frothy" Alfvén zone in the young solar wind. We focus on a particular property which is of interest to the PUNCH mission - the characteristic spatial scale of patches/blobs of sub-Alfvénic solar wind, and the variation of this scale with heliocentric latitude and distance.

Presentation file

[15\\_Rohit\\_Chhiber.pdf](#)

YouTube link

[View Video](#)

Meeting homepage

[PUNCH 4 Science Meeting](#)

[Download to PDF](#)