

Glenn

Laurent

Southwest Research Institute

Craig DeForest, Southwest Research Institute

Matthew Beasley, Southwest Research Institute

Nicholas Erickson, Southwest Research Institute

Roy Graham, Southwest Research Institute

Mary Hanson, Southwest Research Institute

Marcus Hughes, Southwest Research Institute

Derek Lamb, Southwest Research Institute

Steven Osterman, Southwest Research Institute

Trent Peterson, Southwest Research Institute

Kelly Smith, Southwest Research Institute

Travis Smith, Southwest Research Institute

Todd Veach, Southwest Research Institute

A.J. Wilson, Southwest Research Institute

and the rest of the PUNCH Team...

Oral

(Invited Talk)

The PUNCH WFI instruments are a constellation of three wide-field imagers for the PUNCH Small Explorer mission. The WFI instruments incorporate conventional optics and deep baffles to attenuate stray light and image visible light that is Thomson scattered by free electrons in the outer corona and young solar wind. Together with the Near Field Imager (NFI) instrument, the four microsatellites (microsats) are synchronized as a single observatory and will produce continuous, deep-field, 3D (polarized) visible-light images of the corona and solar wind from 6Rs to 180Rs. Delivery of the WFI flight instruments is completed and observatory integration and test is underway. We present an overview of the WFI instrument design, calibration performance, and hardware development status.

Presentation file

[laurent-glenn.pdf](#)

YouTube link

[View recording](#)

Meeting homepage

[Punch 5 Science Meeting](#)

[Download Abstract](#)

Invited or Virtual?

(Invited Talk)