

Pioneered by Coriolis/SMEI and established by the STEREO/SECCHI HIs, imaging of the inner heliosphere has breathed fresh air in Heliophysics. The regular availability of synoptic, spatially resolved images of transients and quiescent solar wind structures as they propagate from the inner corona to 1 AU and beyond is driving major advances in our understanding of the inner heliosphere and is bringing the space physics and solar communities together.

The future is going to get even brighter thanks to two unprecedented space missions, Parker Solar Probe (PSP), launched in 2018, and Solar Orbiter (SO), to be launched in 2020. These missions are designed to attack the solar wind problem head-on with comprehensive suites of remote sensing and in-situ instruments.

In this talk, I review the status of heliospheric imaging and present initial images from PSP's first orbit. I also discuss the exciting synergies between hemispheric imagers and radio arrays.