

Meeting Minutes Synthetic Aperture Technical Working Group July 14

1. In attendance were J. Fienup and D. Michelson along with members of the NIST 'Samurai' synthetic aperture team
2. P. Vouras presented an overview of a position error analysis relevant to channel sounding synthetic apertures
3. The group discussed different techniques for correcting for phase errors at the plane of the aperture
4. An interesting topic of discussion was the phase errors induced along the wavefront of a laser beam by atmospheric turbulence encountered along multiple spatial locations
5. Topics of interest related to position uncertainty or phase error correction techniques can be discussed further at the next TWG meeting
6. The next synthetic aperture TWG meeting will be scheduled for mid-August