

**Flux tube texture of the solar wind: Strands of the magnetic carpet at 1 AU? -
Joseph E. Borovsky 2008**

Emily Sobel & Luiz F. G. dos Santos, Graduate students, CUA.

In 2008, Joseph E. Borovsky published a paradigm-shifting work in solar physics. In this paper, he introduces that the inner heliosphere is filled with a network of entangled magnetic flux tubes and that the flux tubes are fossil structures that originate at the solar surface. Using ACE measurements of seven years, he argues the existence of these tubes. These ideas became deeply discussed inside modern heliophysics; however, his paper is also controversial. In this presentation, we outline the main points of his paper and review the observations that support Borovsky's hypotheses.