

ABSTRACT ONLY**INTERMITTENT FEATURES IN THE SOLAR
WIND: A CASE STUDY**M. S. Nakwacki¹ and J. Peralta-Ramos

The solar wind (SW) is a natural scenario to study intermittency in magnetohydrodynamic (MHD) turbulence for systems with low dissipation rates. These intermittent structures can be characterized by computing the degree of phase correlation of the magnetic field. In this work, we study in situ observations of magnetic field intensity, velocity, and proton density from the Advanced Composition Explorer spacecraft ACE, which is located near one astronomical unit from the Sun, in the SW near Earth. We obtained spectral indices and flatness scaling exponents of the studied fields characterizing their intermittent features.

¹ Facultad de Ciencias Exactas y Naturales, Universidad de Buenos Aires, Argentina.
