



Understanding the Solar Wind interactions with the Venusian boundary layers

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The ASPERA-4 (Analyser of Space Plasmas and Energetic Atoms) instrument onboard Venus Express is used to investigate Bow Shock and Ionopause positions. The movement of these layers during Fast-Slow stream Solar Wind interaction is looked at as well as during Solar events. The methods of determining Solar events from the data are shown as well as a brief discussion on how the data has been specifically cleaned up.