



## **Climatology of the aerosol loading in the upper haze of Venus from SOIR measurements on-board Venus Express**

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The climatology of the aerosol loading in the mesosphere of Venus is investigated from data obtained with SOIR, a channel of the SPICAV instrument suite on-board Venus Express.

Although SOIR alone is less informative in terms of micro-physical properties of the particles than the use of all three channels of the instrument, a large set of data has now been accumulated with the SOIR channel allowing the study of geo-temporal variability of the upper haze.

Vertical profiles of the aerosol extinction are retrieved from a spectral window around  $3.0 \mu m$  recorded in many solar occultations ( $\sim 200$ ) from September 2006 till September 2010. For this period, the continuum of light absorption is analyzed in terms of spatial and temporal variations of the upper haze of Venus.