



SPARC Workshop SHARP2016

## **Recent studies of stratospheric ozone and related measurements using SCIAMACHY**

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The retrieval of vertical profiles of stratospheric constituents from limb observations of scattered solar radiation is a challenge for inversion. This talk will focus on stratospheric measurements of scattered solar radiation made by SCIAMACHY. This instrument flew on ENVISAT and made measurements from August 2002 up to the loss of contact with Envisat in April 2012. The instrument and its measurements will be briefly explained. The observation of the trends in stratospheric Ozone and related trace gases will be discussed.