## Atmospheric Trace Gases <sup>1</sup>

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This experiment gives insight into the spectroscopic remote sensoring techniques, which are widely used to study the composition of Earth's atmosphere. Therefor we make use of the Multi-Axis Differential Optical Absorption Spectroscopy (MAX-DOS). This application uses the different absorption of trace gases depending on the wavelength of scattered light and especially it is possible to gain information about the gas vertical distribution.

Als besondere Auswertung testiert: Datum, Unterschrift:

<sup>&</sup>lt;sup>1</sup>Versuch F18, ausgeführt am 11.12.2017, Betreuer Katja Bigge, kurze besondere Auswertung

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