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The Mars Express limbs observations database

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The capability to orient Mars Express allows a great diversity of observations modes, in particular nadir and limb. During day and night limb's observations, 4 out of 7 MEX instruments (the spectrometers: SPICAM, OMEGA, PFS and the high-resolution camera HRSC) work together to provide spectra (.12 μm to 45 μm) of the Martian atmosphere, at each altitude step, with the associated image.

We will present the limbs database of more than 10 years in orbit with striking results (dust and clouds detached layers, day and night emissions).
The database is now accessible to the scientific community via the ESA/PSA website (www.rssd.esa.int/PSA).