

P126c      **Dust mineralogy in SVS13**

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We present a low-resolution ( $R \sim 250$ ) *N*-band (8–13  $\mu\text{m}$ ) spectrum of a pre-main sequence star SVS13, measured using the mid-infrared imaging spectrometer COMICS on the 8.2-m Subaru Telescope. Since it is taken at the highest spectral resolution so far attained, the spectrum exhibits rather complex shape, but it generally retains the double-trough appearance previously observed at much lower resolution. The dust mineralogy in the circumstellar environment is investigated by fitting various dust emissivities to the complex spectrum. It is of great interest to study mineralogy of circumstellar dust around young stars as it represents the original constituents of planetesimals, hence of the rocky planets like our own Earth. In this presentation, we outline the selection of dust species and the fitting results so far obtained.