

# **JP1** A high-resolution spectroscopy facility at the 1.5-m Russian-Turkish telescope RTT150

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The *RTT150* is a joint Russian-Turkish 1.5-m optical telescope installed earlier at the Turkish National Observatory near Antalya, Turkey, at the height of 2500 m above the sea level. In 2003 the telescope was equipped with a high-resolution coudé-echelle spectrometer (manufactured by Kazan State University and Academy of Science of Tatarstan, Russia, under a local support of the Turkish National Observatory). The spectrometer has two cameras providing spectral resolutions  $R = 40000 - 50000$  and  $R = 100000 - 140000$  depending on the CCD pixel size and the width of the entrance slit (1.5'' or 0.7'' for either camera).

First spectra were obtained in November 2003 and January 2004. With the  $2048 \times 2048$  CCD, spectra of stars up to 8th magnitude with  $R = 40000$  and  $S/N = 100$  in the spectral range of  $4000 - 9000 \text{ \AA}$  were obtained. Examples are presented to discuss the possibility for the future joint observational programmes for this instrument.

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