



Data from the SIR-2 Experiment on Chandrayaan-1

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The SIR-2 instrument, flown on the Indian Chandrayaan-1 mission to the Moon, has observed the Moon from an altitude of 100km with a ground sampling distance of approximately 200m between January and August 2009. Data from the compact high-resolution pointing spectrometer with its spectral range 0.9–2.4 μm can be joint with data from the Indian Hyper-Spectral Imaging spectrometer (HySI) to cover a combined spectral range of 0.4 to 2.4 μm . We will explain the SIR-2 experiment, its data and how it can be used alone or in conjunction with the HySI instrument for abundance measurements and photometric studies of the lunar surface.