The Sun, Multilayers and MOSES

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Multilayer coatings have opened up a new window on the solar atmosphere. The first part of my talk will touch on some highlights in the history of solar EUV observation. In the second part, I will report observations of the solar transition region with the Multi-Order Solar EUV Spectrograph (MOSES), a novel telescope design that uses a multilayer grating for simultaneous imaging and spectroscopy over a wide field.