

Outer Planet Aurorae: A Comparative Study with the Terrestrial Aurorae

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Observations of the auroral emissions from Jupiter and Saturn by recent planetary missions (Galileo, Cassini) together with ground-based telescopes and earthorbiting observatories at various wavelengths now provide us with a comprehensive set of data from against which auroral models can be checked. Recent findings concerning the solar wind/magnetosphere/ ionosphere coupling on these outer planets will be reviewed and compared with the auroral processes at Earth.