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PEM031-P06

Room:Convention Hall

Time:May 26 14:00-16:30

Study of the aurora and precipitation particles before the aurora breakup: Reimei observations

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In this study, we investigated the characteristics of aurora and precipitation particles during the steady condition before auroral breakup. The statistical analysis was made, using the optical aurora, precipitation electron and ions, field-aligned currents observed by REIMEI satellite and AU/AL indices. Then we find that even in the steady condition the aurora appears depending on the global magnetospheric conditions and discuss it in detail.