**Ee-004** Room: C402 Time: June 26 13:45-14:00

## Narrowband electrostatic waves

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Narrowband electrostatic noise (NEN) is one of the common plasma waves observed in the geomagnetic tail region. Under the collaboration between plasma wave and plasma measurements, we revealed the clear relation of NEN activities and polar rain electrons. Polar rain electrons distabilize the electron velocity space hole mode, which is proposed as the generation mechanism of the NEN.