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PEM027-06

Room:103

Time:May 25 17:45-18:00

## Magnetic Configurations around a Plasmoid in the Near-Earth Magnetotail

Koji Kondoh<sup>1\*</sup>

<sup>1</sup>RCSCE, Ehime Univ.

Magnetic configurations around plasmoids propagating in the directions of earthward and tailward in the near-Earth plasma sheet were studied using MHD simulations and statistical analyses of Geotail observations. MHD simulations were done giving a single X-line. These results are appeared in the statistics of events. This fact making it possible to conclude that magnetic configurations around plasmoids in the near-Earth plasma sheet are the NFTE-like structure, not the flux rope-like structure.

Keywords: Reconnection, Plasmoid, Magnetic Configuration, MHD simulation, Satellite observations