



## Plasma transport and flow properties from Multi-point observations

Q. Shi

Shool of Space Science and Physics, Shandong University, Shandong, China (sqq@pku.edu.cn)

Using THEMIS and Cluster Multi-point data, we investigate the plasma transport and flow properties in different areas of the magnetospehre. The plasma transport processes from outside to the magnetosphere are studied both in the near earth regions and the distant tail regions. The flow properties and waves affected by a shock passing are also studied. Observations at upstream and higher latitudes are used to reveal a global process.