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会場:ファンクションルームA

時間: 5月26日15:30-15:45

SCOPE 計画

The SCOPE mission

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SCOPE is a mission to perform simultaneous multi-scale in-situ measurements of space plasma processes in the Earth's magnetosphere. The target processes are shocks, magnetic reconnection, and anomalous transport in turbulence. SCOPE is composed of mother-daughter spacecraft pair (to be provided by JAXA) and a spacecraft formation of three daughter spacecraft (to be provided by Canadian Space Agency: CSA). The mother-daughter pair will zoom-in to micro-physics while the daughter-formation will measure simultaneously the surrounding dynamics at meso/macro-scales. SCOPE will clarify how cross-scale coupling operates in collisionless space plasmas to produce the dynamic phenomena that fascinate us and thus is a key step towards our fundamental understanding of the Plasma Universe. In this talk, the current status of the mission preparation, including the international collaboration scheme, will be presented.