



MSSL interest in small satellite missions

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Space Plasma missions

- Multisatellite missions in Earth's magnetosphere
- Current missions Cluster, Double Star
- Future missions MMS, Kua Fu, Cross-Scale (Cosmic Visions)
- Possible small satellite missions – multi-point magnetosphere
- Small dedicated missions

Planetary missions

- Current missions: Cassini-Huygens, Mars Express, Venus Express
- Penetrators: e.g. MoonLITE, Jupiter-Europa
- Imaging: ExoMars, hyperspectral elements
- Cosmic visions: Jupiter-Europa payload interests, MEMO, ...
- Solar wind upstream monitoring at other planets' L1
- Small spacecraft cluster at Jupiter,...