



Strategies for New Space Science Missions

O. C. St. Cyr

NASA-GSFC

Heliophysics Science Division (Code 670)

301-286-2575 (Chris.StCyr@nasa.gov)



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- **Earth's atmosphere**
 - X-ray, EUV, LF radio, particles do not penetrate
 - Scintillation blurs sources
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- **Accessibility to new vantage points**



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- **Multi-point (“system”) observations**
 - Constellations of spacecraft to separate space/time (THEMIS, MMS, RBSP)



Conclusion

- **Heliophysics is the science behind space weather**
- **Heliophysics has interesting, exciting, and relevant mysteries to solve**
- **Heliophysics scientists are inventive and have strategies for new space missions**