



In-Situ Comm & Nav



- **Overall Objective**

- Increase performance and reduce cost of planetary relay communications and navigations systems

- **Goals and Products**

- Develop comm. system architectures and equipment for missions performing In-Situ science
 - Develop strawman architecture for comm and coarse navigation system with low mass and power
 - Determine optimum modulation, coding, protocols for In-Situ comm & nav links. Demonstrate performance

