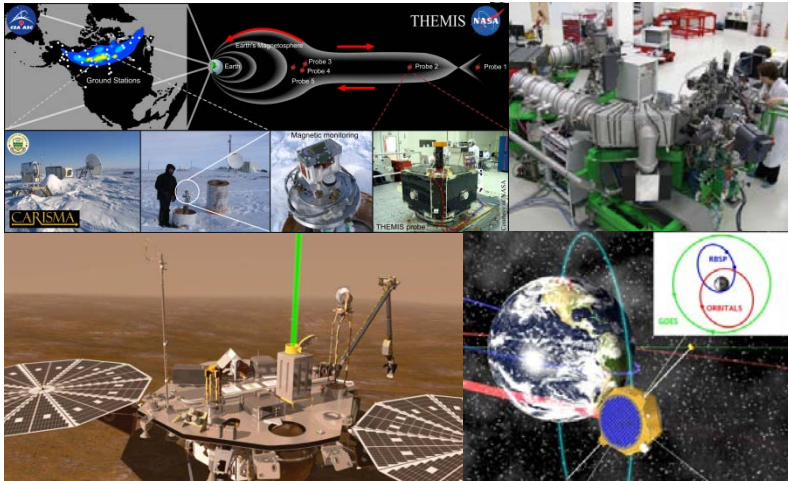




ISSET core strengths:

- (a) Space physics and space environment
- (b) Microgravity science
- (c) Space technology for instrumentation and robotics
- (d) Planetary materials science and planetary environment

Excellent synergy with Federal Government and CSA priorities:

Aligns with Federal Science and Technology Strategy:

Entrepreneurial Advantage, Knowledge Advantage, and People Advantage.

Canadian Space Agency Mission:

"...leading the development and application of space knowledge for the benefit of Canadians and humanity".

ISSET MISSION:

We inspire scientific discovery & the pursuit of knowledge through innovation and leadership in planetary and space exploration.

ISSET VISION:

ISSET is a pioneering interdisciplinary centre for planetary and space research in Canada, to be fully established by 2012.

ISSET OBJECTIVES:

The Institute for Space Science Exploration and Technology (ISSET) institute pursues five core objectives in pursuit of its Mission & Vision:

- *To promote research & discovery*
- *To establish and expand the Institute as an operational entity*
- *To advance space technology development*
- *To facilitate learning and the education of HQP*
- To forge active partnerships*



"Innovation through Space Exploration"
"Novitas per Explorare Aether"



ISSET's Future Strategic Development:

- Establish long-term Canadian **leadership and innovation** in space science, exploration and discovery.
- Develop and establish **ISSET Space Environment Laboratory** with expertise to support the design, development and operation of space missions & programs.
- Support the **design, development, build, flight and operation of space instrumentation**, missions and programs.
- Develop enabling aerospace **platform technologies** in the areas of instrumentation, materials, hardware, software and analysis.
- Promote and create **educational opportunities and public awareness** in space science and exploration.
- Promote **partnerships** with Universities, local, provincial and federal government agencies, Canadian industry and business.
- Leverage these partnerships to support the **commercialization of space expertise** in Alberta.