



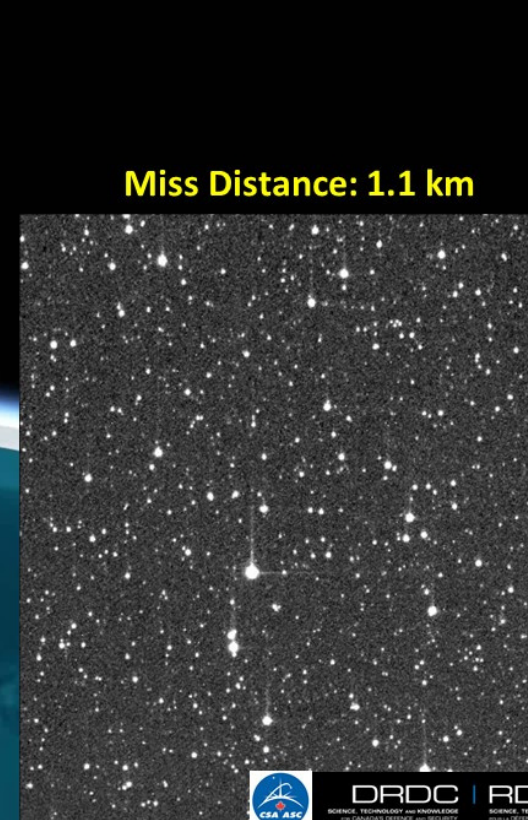
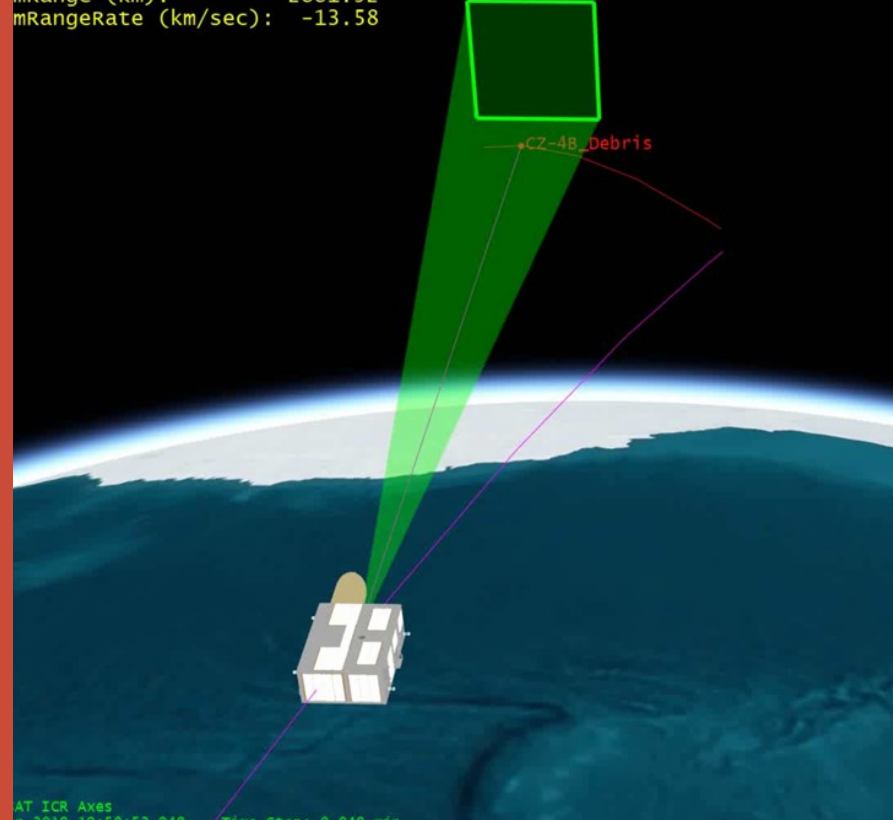
Dr. Donald Bédard

Senior Defence Scientist
Space Systems Group
DRDC, Ottawa Research Centre

He was an Assistant Professor of Physics & Space Science at the Royal Military College of Canada and is currently an Adjunct Professor in the Graduate Program of Earth & Space Science at York University

Areas of research include

- Characterization of active satellites and space debris
- Development of technologies to protect satellites



SPACE MISSION DESIGN

Development of 2 satellites that are currently in orbit

NEOSSat and M3MSat

Also served as Project Director
Surveillance of
Space 2 Project

He has used a wide variety of telescopes and instruments to observe satellites and space debris in Earth orbit.



Dr. Geoffrey Ho

Defence Scientist
DRDC, Toronto Research Centre

His research uses both psychology and engineering to look at the design of technology and how it can work better for the Canadian Armed Forces members who use it.



HUMAN FACTORS

How humans interact with technology to improve safety and performance

Example of Dr. Ho's research is examining how people trust advanced robots and autonomous systems



Dr. Loren Matheson

Defence Scientist
DRDC

She holds a PhD in Biochemistry from the University of Ottawa and spent her post-doctoral time at the University of Saskatchewan.

Dr. Matheson spent 4 years at the Canadian Food Inspection Agency, first as a senior science advisor and then national manager of research and strategies.



BSL4Z

BIOCHEMISTRY

Finding new ways to keep Canadians safe from potential chemical and biological threats and hazards

After 10 years of consulting as a grants facilitator and project manager in clinical research, Dr. Matheson moved to the public service to pursue interests in science policy and security science.