



OUTER SPACE AND GLOBAL SECURITY

26-27 November 2002 — Palais des Nations, Geneva

A seminar convened by:
United Nations Institute for Disarmament Research
Simons Centre for Peace and Disarmament Studies
Project Ploughshares Canada
The Simons Foundation

Tuesday 26 November

10:00 – 10:40 **Welcome and Introduction**

Chair: Jennifer Simons

Simons Centre for Peace and Disarmament Studies

Ambassador Christopher Westdal

Permanent Representative of Canada

***Militarization, Weaponization, and Space Sanctuary: Past
Dialogues, Current Discourse, Important Distinctions***

Bruce DeBlois

United States Council on Foreign Relations

10:40 – 13:00 **Session one**

THE CIVIL AND COMMERCIAL USES OF OUTER SPACE

Chair: Rebecca Johnson

Simons Centre for Peace and Disarmament Studies

Civilian Uses of Space

Alain Dupas

Université de Versailles-St. Quentin

Satellite Vulnerabilities: Threats to the Commercial Use of Space

Atef Sharif

National Authority for Remote Sensing and Space Science Egypt

13:00 – 15:00 Keynote Speaker: Col. Chris Hadfield, Canadian Space Agency

15:00 – 16:20 **Session two**
THE CURRENT AND FUTURE MILITARY/SECURITY USES OF SPACE

Chair: Sarah Estabrooks
Project Ploughshares

The Current and Future Military/Security Uses of Space
Lt. Col. Peter Hays
United States Air Force

Basing Weapons in Space: Technical and Political Considerations
Phillip Baines
Foreign Affairs and International Trade, Non-Proliferation, Arms
Control and Disarmament Division, Canada

16:40 – 18:00 **Session three**
***AMBITIONS, CAPABILITIES AND NEEDS: WHAT DO NATIONS,
INDUSTRIES AND PEOPLE WANT FROM SPACE?***

Chair: Ernie Regehr, Project Ploughshares

Wednesday 27 November

10:00-12:30 **Session four**
***OUTER SPACE SECURITY: WEAPONS PREVENTION,
CONTROL OR PROHIBITION?:***

Chair: Patricia Lewis
United Nations Institute for Disarmament Research

***The Current International Legal Regime Governing the Use of
Outer Space***
Jonathan Dean, Union of Concerned Scientists

Space Security: Options and Approaches
Rebecca Johnson, Simons Centre for Peace and Disarmament Studies

Commentators: **Clay Moltz**, Center for Nonproliferation Studies,
Monterey Institute of International Studies
Li Song, People's Republic of China

12:30-13:00 **Closing Remarks**
Ernie Regehr, Project Ploughshares