



# 2008 CANADIAN SPACE SUMMIT

Montreal, Quebec  
November 21-23, 2008

## SCHEDULE

Presented by



# CANADIAN SPACE SOCIETY



<b>Saturday November 22</b>		<b>Speaker</b>	<b>Affiliation</b>	<b>Topic</b>
Rm 132, Leacock Building				
<b>Opening Session</b>	8:30 - 8:45 am	Kevin Shortt	CSS	Canada's Space Industry at a Cross Roads: Understanding Where We Are
	8:45 - 9:15 am	Dave Kendall	CSA	CSA and Canadian Space Industry: A Symbiotic Relationship
	9:15 - 9:45 am	Bob Richards	Odyssey Moon	Canada on the Cusp: Emerging NewSpace Opportunities
<b>Break</b>				
<b>Planetary Exploration</b>	<b>Alex Ellery (Session Chair)</b>		Carleton University	
	10:00 - 10:25	Isabelle Tremblay	CSA	Canada's Results from the Phoenix Mission
	10:25 -10:50	Richard Leveille	McGill/CSA	The Importance of Terrestrial Analogues in Planetary Exploration
	10:50 - 11:15	Tim Haltigan	McGill	Lunar Ground Penetrating Radar Development
	11:15 - 11:40	Arthur Guest	MIT	Development of Lunar Surface System Architectures
	11:40 -12:00	Alex Ellery	Carleton	Introduction to Space Exploration Engineering Group at Carleton U.
<b>Lunch</b>				
<b>Astronomy</b>	<b>Gregg Wade (Session Chair)</b>			
	13:00 -13:05	Intro		
	13:05-13:30	Vicky Kaspi	McGill U.	X-ray Observations of Neutron Stars from Space
	13:30 -13:55	Barth Netterfield	U. of Toronto	Astrophysics from the Stratosphere
	13:55 – 14:20	Tony Moffat	U. de Montréal	Micro- and Nano-Space Missions for Astronomy
	14:20 – 14:45	René Doyon	U. de Montréal	The James Webb Space Telescope
<b>Break</b>				
<b>Life Sciences</b>	<b>Erin Tranfield (Session Chair)</b>			
	15:00 -15:05	Intro		
	15:05 – 15:35	Christian Otto	U of Ottawa/Hospital	Positioning Canada at the Leading Edge of Operational Space Medicine
	15:35 – 16:00	Jessica Scott	U of British Columbia	Bone Metabolism and Vascular Health: Implications for Individuals with Spinal Cord Injury and Prolonged Space Flight
	16:00 – 16:25	Perry Johnson-Green	CSA	Life Science Research in Space
	16:25 – 16:50	Shawna Pandya	U of Alberta	"It Came from Space!": NeuroArm and other medical innovations that have benefitted from advances in space exploration
	16:50 – 17:00	Extra questions		
<b>Break</b>				
<b>Banquet</b>	19:00 – 22:00	<b>Marc Garneau</b>		What's Next for the Canadian Space Industry?

## Parallel Saturday Track

Saturday November 22	Speaker	Affiliation	Topic	
Rm. 232, Leacock Buidling				
<b>Money and Policy and How they Interconnect</b>	10:00 - 11:00	David Hearn	Scitax Advisory Partners LLP	A Comparison of International and Provincial R&D Tax Credits: Are the R&D tax credits in Quebec really that much better than Ontario? Doesn't the United States have tax credits too? What happens if we start doing some of our R&D Outside Canada?
	11:00 - 12:00	Bob Ryerson	Kim Geomatics Corporation	Remote Data Sensing Policy: A comparison between Thailand and Canada.
<b>Lunch</b>				
<b>Business Models for Space Focused Organizations</b>	13:00 – 13:45	Frank Teti	MDA	Creating a Robust Canadian Space Research, Exploration & Development Industry - The Canadian Mineral Industry Flow-Through Share Analog
	13:45 – 14:45	Stewart Bain	Independent AeroSpace Consultant	“Commercial Space as a Subset of the Aerospace Industry: Learning Lessons from our Companion Industry.”
<b>Break</b>				
<b>Welcome to Typical New Space Venture</b>	15:00 – 15:45	Sumitra Rajagopalan	McGill University	Beyond Satellites and Sub-Orbital Flights: Emerging Business Opportunities for Space Entrepreneurs
	15:45 – 16:15	Jocelyn Boily	AstroKeys Inc	Key Business-Making Concepts to Help Start a Company in this Credit Crunch Time
	16:15 – 16:45	Amy Sokoloff	Continuum Aerospace	Why Canada Should Have Its Own Launch Capability

<b>Sunday, November 23</b>		<b>Speaker</b>	<b>Affiliation</b>	<b>Topic</b>
Rm 132, Leacock Building				
<b>Low/Earth Orbit</b>	<b>Daniel Schulten (Session Chair)</b>		MDA Corporation	
	9:30 – 9:55	Perry Edmundson	COM DEV	COM DEV Microspace Missions
	9:55 – 10:20	Mohamed Ali	UTIAS	Microspace Missions from the Perspective of Academia: UTIAS Missions Overview
<b>Break</b>				
<b>Low/Earth Orbit</b>	10:45 – 11:10	Paul Harrison	Magellan Aerospace Corporation	Bristol Small Satellite Activities
	11:10 – 11:35	Perry Johnson-Green	CSA	International Space Station
	11:35 – 12:00	Daniel Schulten	MDA Corporation	Maintaining Canadian Leadership in Earth Observation
<b>Lunch</b>				
<b>Space Commercialization</b>	<b>Chuck Black (Session Chair)</b>		CSCA	
	13:00 – 13:30	Ron Buckingham	Northeast Space Co	A Quick Overview of the Canadian Space Industry: How Things Are and How They Should Be
	13:30 – 14:00	Chuck Black	CSCA	60 websites in 30 minutes - Sites you need to know about in order to build a space based (or any type of) business in Canada.
	14:00 – 14:30	Kieran A. Carroll	Gedex	Building a solar power industry in Canada - An Incomplete Case Study with a Listing of Opportunities
<b>Law and Policy</b>	<b>Anthony Salloum (Session Chair)</b>		Rideau Institute	Setting the Stage for a Policy Discussion
	14:30 – 15:00	Dawn Cartwright	CAW	Importance of a National Space Policy to Sustain a Skilled Workforce
	15:00 - 15:30	Lucy Stojak	McGill	Key Elements of National Policy and International Commitments
<b>Break</b>				
<b>Plenary</b>	<b>15:30 – 17:00</b>	Facilitated by Kevin Shortt/ Chuck Black		