

Highlights:

I: ASX Movie Night
– Nov. 28, 2008

II: ASX Symposium
– Jan. 23, 2009

III: Support ASX

IV: International
Space News

V: Other Astro/
Space Events

Greetings Fellow Astronomy and Space Enthusiasts,

With the success of our Welcome Event, ASX is rolling out a new kind of event – the ASX Movie Night. This month we continue with Michael Lennick's Rocket Science series, bringing the next two episodes. See below for details.

We are currently in the process of revamping our website, and implementing a new look and design. We plan to have the entire ASX website converted during the next several weeks.

In much sadder news, ASX mourns the passing of Atena Arabsalmany. This Toronto resident and York University student was killed in a car accident on Halloween night. Arabsalmany came to Canada to study aerospace engineering, with the hopes of becoming an astronaut. Our thoughts go out to her and her family in this difficult time.

See below for additional news and events.

Clear Skies,
ASX

I. ASX Movie Night

Rocket Science: "The Rocketeers" and "The Last Empty Sky"

DATE & TIME: Friday, November 28, 2008,
6:00 PM – 8:00 PM

LOCATION: University of Toronto St George
Campus, Bahen Centre, Room 1130 (BA1130)
[40 St. George Street, Toronto](#)
Campus Map: <http://rrs.osm.utoronto.ca/map/>

FREE ADMISSION (students & public)

DESCRIPTION: "The Rocketeers" describes the history of the pre-NASA space plane and "The Last Empty Sky" details the history of the development of the rocket.

MORE INFO:

http://www.foolishearthling.com/rocket_science_rocketeers.htm

http://www.foolishearthling.com/rocket_science_emptysky.htm



If you did not receive this e-newsletter directly, and would like to hear about future ASX news and events, please email space.society@utoronto.ca with subject line "Newsletter Signup". We also invite you to join our Facebook group: <http://www.facebook.com/group.php?gid=2226718345>

II. ASX Symposium *Featuring Anousheh Ansari*

DATE & TIME:

Friday, January 23, 2009, 7:00 PM

LOCATION:

Convocation Hall, University of Toronto

ADMISSION:

Students: **FREE** (with ID)

Public: \$20



Our keynote speaker is Anousheh Ansari, the world’s first female private space explorer. She will be talking about her experiences training for and travelling in outer space.

Mark your calendar now, and don’t miss out on this once in a lifetime opportunity!

More details to be posted shortly on the ASX website, including **registration** and **ticketing** info.

III. Help Support ASX

One of the greatest things that ASX offers is providing FREE events to students (and most events free to the public) thanks to our generous sponsors. Here are several ways you can help support your favourite space organization:

- 1) Stop by TLAC printing at 233 College St. and ask for a FREE “Support Your Group” discount card. Follow the quick steps on the back of the card to activate it, and add “ASX” as your group. TLAC will credit 10% of your printing purchase to ASX.

TLAC (www.tlac.ca) is the premier printing house and writing centre at U of T, and ASX has been happily using their services for several years.



- 2) Donate online through Paypal (www.paypal.com) and send money to space.society@utoronto.ca
- 3) Drop off/mail in cheque or in-kind donation (supplies, equipment, etc) to the ASX office.
- 4) If you know of any organization or company that would be interested in becoming an ASX sponsor, or if you have contacts in media or public relations, please email us/let us know.

For additional sponsorship information, please see: <http://asx.sa.utoronto.ca/sponsors>

IV. International Space News

Happy Birthday! ISS celebrates ten years in space

November 20, 2008 marks the 10th anniversary of a permanent cooperative space activity between the Americans, Russians, Europeans, Japanese and Canadians. Ten years ago, the Russian module “Zarya” (Dawn) became the first module of the ISS.

More info: <http://spacefellowship.com/News/?p=7437>



The Michelin Space Man?

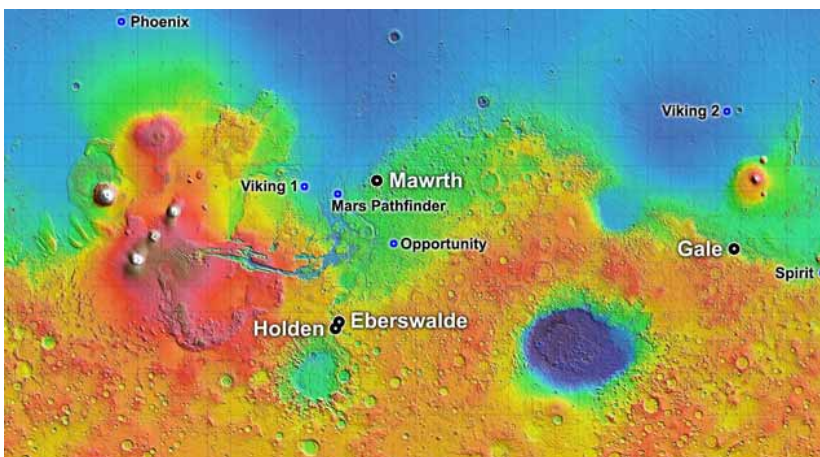
Michelin, a company long known for its tires, has just completed development of a lunar rover tire. The new tire, which will help with lunar mobility in both human and robotic missions, uses Michelin composites and a specially developed tread to maintain traction with the lunar surface. Because so much is riding on your tires.

More info: <http://www.comspacewatch.com/news/viewpr.html?pid=26926>

Phoenix Mars Mission Completed

Surpassing its expected life of 90 days, NASA announced the end of the Phoenix mission on November 10th. Phoenix surpassed expectations by discovering water ice on Mars. The Canadian contribution was felt close to home the LIDAR discovered snow falling from Martian clouds.

We expect/hope for an NHL franchise shortly, and to help with the cause we have designed a new logo (to right)!



NASA narrows down the site list for the next Mars Mission

Eberswalde – a possible ancient lake
Gale – a mountain of stacked clays and sulfates;

Holden – a mysterious crater
Mawrth – a rocky outcropping

More info:

<http://spacefellowship.com/News/?p=7466>

V. Other Upcoming Astronomy/Space Events (free unless specified)



Tuesday November 25, 2008

Space Society of London: Russia and the Moon

Dr. Phil Stooke of Western's CPSX

P&A Building, room 123, University of Western Ontario, London

Time: 7 PM

More info: <http://www.facebook.com/group.php?gid=31339735164>

Wednesday November 26, 2008

RASC Toronto – Dan Falk: In Search of Time

Author Dan Falk will discuss how our ancestors first learned how to measure time, how the universe began, the physics of time travel, and other interesting ideas about time.

Imperial Oil Auditorium at the Ontario Science Centre

Time: 7:30 PM

More info: <http://toronto.rasc.ca/content/RM-2008-11-26.shtml>



Wednesday December 3, 2008

RASC Mississauga – Dr. Jamie Matthews: The Most Microsat: A suitcase full of stars (and exoplanets)

Big things come in small packages. Hear the story about the MOST microsatellite, Canada's small sat that has made big contributions to science.

University of Toronto, Mississauga, SE2082

Time: 8 PM

More info: <http://www.mississauga.rasc.ca/meetings.htm>

Saturday December 6, 2008

Solar Observing with RASC and the Ontario Science Centre

A chance to look safely at the Sun, using special filters

Ontario Science Centre, TELUSCAPE in front of main entrance

Time: 10 AM – 12 PM

More info:

<http://www.ontariosciencecentre.ca/calendar/default.asp?eventid=680&ddmmyyyy=20112008>

