

Request

The University of Manitoba Space Applications and Technology Society and the Canadian Space Society request of up to \$500 to cover food expenses for the NASA Space Apps Challenge on April 12-13, 2014.

Last year, UMSATS received up to \$400 for this event (claiming \$363.25).



Executive Summary

The **International Space Apps Challenge** is an international 2-day developer challenge to aid space exploration and education. The event is organized by NASA and focuses on developing technologies to solve relevant issues on space and in space.

More than 90 cities around the world are hosting sites for the challenge to bring together developers, engineers, scientists, and space enthusiasts of all ages to attempt to find solutions to any of the problems posted by NASA and other agencies.

The problems are divided into four main categories:

- Software problems – *aimed at developing APIs, databases, and other tools to manage and access the data collected in space.*
- Open hardware – *aimed at developing new technologies for space exploration for both unmanned and manned missions.*
- Citizen science – *that promote space exploration through interactive tools, videos, and presentations.*
- Data visualization – *that finds creative ways of displaying data collected in various space missions in order to help scientists identify trends and other important behaviours.*

The event is free and open to the general public.

The top two solutions in Winnipeg will receive prizes and be entered into the worldwide competition where they will be judged by a panel of NASA judges.

New for 2014

This year, different initiatives are being taken to encourage high school students to participate in the NASA Space Apps challenge. For instance, the CSS will be conducting a special event for pre-university students during the weekend to encourage them to get involved and participate in the activities.

Expected Attendance

40-50 participants (mostly students)

Event Budget

Item	Unit Cost	Quantity	Total
Veggie Platters	\$38.00	2	\$76.00
Fruit Platters	\$35.00	2	\$70.00
Pizza	\$15.00	10	\$150.00
Pop Drinks	\$0.50	100	\$50.00
Coffee	\$0.80	60	\$48.00
Plates / Napkins	\$20.00	1	\$20.00
Assorted pastries (or similar snacks)	\$40.00	1	\$40.00
Prizes for top teams	\$300	1	\$300.00
Participant giveaways	\$300	1	\$300.00
TOTAL:			\$1054.00

Sponsor Recognition

In 2013, the IEEE Winnipeg Section contribution was recognized on the UMSATS website, NASA website, presentation at the event, and included in the official NASA Space Apps Mission Report.

In 2014, sponsors will be recognized by:

- Having their logo on the NASA Space Apps website for Winnipeg
- Mention in the NASA Space Apps Mission Report
- Can place a banner at the event
- Are invited to judge the local submissions to help determine which solutions are submitted to NASA for grading.

Contact Information

Dario Schor
CSS Secretary
schor@ieee.org

Mohamed Nasri
UMSATS Member
temamnasri@gmail.com