



Program Guide

Yuri's Education Day at NASA's Ames Research Center, April 8th, 2011

Speaker Schedule

Exhibitors

Time	Name	Title	Description
9:15am	MagiKidz	Performance	A little bit of magic tricks up a clowns sleeve, a dash of circus, some dance, and some audience participation will make this show an amusing attraction worth popping in for.
10:00am	Pete Worden	Welcome & Opening Remarks	TBA
10:15am	Leland Melvin	Being an Astronaut	TBA
11am	Brian Day	LCROSS and LADEE	TBA
11:45am	Pamela Marcum	Infrared Technology and SOFIA	TBA
12:30pm	Vytas Sunspirai	What Can We Learn About Our Bodies and Minds From Researching Robotics?	This talk will cover some exciting new theories about how our bodies move and how our brains are organized around timing, rhythm, and synchronization.
1:15pm	Dan Barry	Follow Your Dreams	Dan talks about the failures and successes of becoming an astronaut and shares the experience of flying in space in a video presentation that puts the audience in the cockpit with him.
2:00pm	Mia Rose	Fungi and Ecosystem Resilience	Fungi are integral in supporting ecosystem function, however, their role in below ground ecosystems often goes unnoticed. This talk will discuss their importance in decomposition and nutrient cycling, their various interactions with plants and animals, and how they can be used to reduce levels of pollutants in landscapes and watersheds.

Booth	Exhibit Title	Presented By
39	Aeronautics	NASA - Aeronautics Division
61	Alka-Seltzer Rockets	NASA / Tech Museum
58	Aquaponics	Kiji Grows
38	Arm Actuator	NASA - Education Division
3	Art Gallery	Various artists
41	BD5	The Traveling Space Museum
25	Brains	Stanford University SPLASH program
20	California Geology	Stanford School of Earth Sciences
69	Cars, Trucks, and RC Airplanes	Marin Aeronautical & Robotics Society
23	Cryogenics and More	Stanford Educational Studies Program
4	Dreamcatcher	Android Jones
18	Education Associates Program	NASA - EAP
67	Electric Rovers	NASA Ames Research Center
46	Exploring in Infrared	NASA- SOFIA
19	Exploring Nanoscience and Nanotechnology	NASA - Advanced Studies Laboratories
22	Fit Explorer	NASA - Education Division
71	Flight Simulator	The Traveling Space Museum
34	Gyroscope Demonstration	NASA - Education Division
36	Hiller Aviation Museum Aircraft	Hiller Aviation Museum
21	Hispanics in STEM	NASA-- Hispanic Advisory Committee
70	Homebuilt Aircraft N42PE	Paul Eastham
68	Hovercraft	The Traveling Space Museum
33	Human Space Travel	NASA Human Systems Integration Division
60	Insect Discovery Lab	SaveNature.org
27	Insect News Network	ELSEE
8	Interactive Arts Zone	MagiKidz
17	Kepler Mission	NASA/Ames, Kepler Mission
32	LADEE	NASA -- LADEE
6	LoveTech	LoveTech
28	Lunar Quest Program	NASA Lunar Quest Program
30	Lunar Science Institute	NASA Lunar Science Institute
43	Making Prototypes	Shapelock
2	Mars Panorama	NASA - Education Division
44	Mars Space Station Model	Conor Jensen and Scott Jensen

Booth	Exhibit Title	Presented By
50	Model Rocketry	LUNAR - Livermore Unit of the National Association of Rocketry
64	Moon Boots	The Traveling Space Museum
63	Moon Buggie	The Traveling Space Museum
56	Nationwide Science Challenge	Kids' Science Challenge
51	New Learning Culture Consulting	New Learning Culture Consulting
9	One Economy's Digital Connectors Program	One Economy
29	Physics of Paper Airplanes	AIAA
12	Planetarium	California Academy of Sciences
31	Pluto Probe	The Traveling Space Museum
7	Printing in Space	Made In Space
52	Robots	NASA - Education Division
13, 62	Rocket Launch	NASA - Education Division
40	Safety in Space	NASA - Human Systems Integration
26	Science, Engineering and Mathematics Link Inc	SEM Link
14	ScienceHackBots	NASA - ScienceHackBots
5	Scouting for Life	NASA - Astrochemistry Laboratory
42	Showcase Space	Various students and professionals
47	Smart Skies	NASA - Education Division
66	Solar and Wind Power	Solamor Energy Solutions
65	Solar Viewing Station	NASA --Education Division
35	Space Toilet	The Traveling Space Museum
57	Space Trivia	NASA - Lockheed Martin
48	Spacebridge	Noisebridge
53	SpaceKraFT	CONVERGENCE
24	Station Spacewalk & SCaN Demonstration Games	NASA - Code IQ
54	SX36 Speed of Light Spaceplane	Paul Birch
55	The Story of Stuff Project	The Story of Stuff Project
45	Trash Timeline	EarthTeam
49	Wright Flyer	The Traveling Space Museum
37	Yuri	John Dumitru



Booth	Exhibit Title	STEM** Categories	Booth	Exhibit Title	STEM** Categories
1	Speaker Stage	STEM	40	Safety in Space	STE
2	Mars Panorama	T	41	BD5	TE
3	Art Gallery	STEM, Art	42	Showcase Space	STEM
4	Dreamcatcher	T, Art	43	Making Prototypes	E
5	Scouting for Life	ST	44	Mars Space Station Model	ST
6	LoveTech	T, Art	45	Trash Timeline	S, Art
7	Printing in Space	T	46	Exploring in Infrared	S
8	Interactive Arts Zone	Art	47	Smart Skies	STM
9	One Economy's Digital Connectors Program	T	48	Spacebridge	STE
10	Gift Shop		49	Wright Flyer	E
12	Planetarium	S	50	Model Rocketry	TE
13	Rocket Launch prep	EM	51	New Learning Culture Consulting	M, Art
14	ScienceHackBots	STE	52	Robots	STE
15	Microbial Mats	STEM	53	SpacEKraFT	T, Art
17	Kepler Mission	S	54	SX36 Speed of Light Spaceplane	TE
18	Education Associates Program (EAP)	STEM	55	The Story of Stuff Project	S
19	Exploring Nanoscience and Nanotechnology	STEM	56	Nationwide Science Challenge	S
20	California Geology	S	57	Space Trivia	STEM
21	Hispanics in STEM	STEM	58	Aquaponics	STEM
22	Fit Explorer	STEM	60	Insect Discovery Lab	S
23	Cryogenics and More	ST	61	Alka-Seltzer Rockets	SE
24	Station Spacewalk & SCA-N Demonstration Games	STEM	62	Rocket Launch	EM
25	Brains	S	63	Moon Buggie	TE
26	Science, Engineering and Mathematics Link Inc	SEM	64	Moon Boots	ST
27	Insect News Network	S	65	Solar Viewing Station	ST
28	Lunar Quest Program	ST	66	Solar and Wind Power	ST
29	Physics of Paper Airplanes	SE	67	Electric Rovers	ST
30	Lunar Science Institute	ST	68	Hovercraft	TE
31	Pluto Probe	STE	69	Cars, Trucks, and RC Airplanes	STE
32	LADEE	ST	70	Homebuilt Aircraft N42PE	TE
33	Human Space Travel	TE	71	Flight Simulator	TE
34	Gyroscope Demonstration	STE	74	Docent Station	
35	Space Toilet	TE	75	Scavenger Hunt Booth	
36	Hiller Aviation Museum Aircraft	STE	76	Lunch/Coat Drop	
37	Yuri	T	77	Info Booth/Lost and Found	
38	Arm Actuator	STE	78	First Aid	
39	Aeronautics	E	79	Check-In/Entrance	
			81	Dining Tent	
			82	Food Vending	

**STEM Key: S=Science, T=Technology, E=Engineering, M= Math. Art category also included.