



FCUSD ACM Chapter Meeting

— *Advancing Computing as a Science and Profession* —

September 28, 2022

Speakers: Alicia Caddell, Dr. Harsh Verma, and Atulya Kadur

Meeting Agenda

1. Introductions
2. Officer Team
3. 5th Future Worlds Symposium
4. NASA Space Apps Challenge
5. Next Steps
6. Q and A Session
7. Adjournment



Introductions

- Introduce yourself and share school site and grade level

Introduce
yourself!

Officer Team

- President Atulya Kadur FHS
- Vice President Sareeya Ali VdLHS
- Secretary William Liu FHS
- Treasurer TBA
- Communications Officer Tuan Hoang CHS

5th Future Worlds Symposium

[Future Worlds Symposium](#)



About

What: Discuss AI and MLs' direction and getting involved

Who: Coders, scientists, designers, storytellers, makers, and builders

Where: **Online**

When: October 7th and 8th

Students to Register: ???



Future Worlds Symposium
ACM Sacramento Chapter

Speakers

Dr. Peter Robinson

University of Cambridge



Grady Booch

Co-author of UML, Lovelace Medal,
Turing Lecture for the BCS



Dr. Sudeep Pasricha

Colorado State University



NASA International Space Apps Competition

About

What: International Hackathon with 23
Different Challenges

Who: Coders, scientists, designers,
storytellers, makers, and builders. GO
TEAM Alumni

Where: Folsom

When: October 1st and 2nd

Objective: Engage the NASA's free
and open data to address real-world
problems on Earth and in space.



Student Presentations on 23 Challenges

#	ASSIGNED CHALLENGE	LAST	FIRST
1	Build a Space Biology Superhero	Udapa	Rohan
2	Calling All Radio Enthusiasts!	Nekkanti	Akhil
3	Can AI Preserve Our Science Legacy?	Balasaif	Akshita
4	Capacity Building Resources Gateway	Vardini	Amrita
5	Create Your Own Challenge	Khan	Imaad
6	Creative Data Display with the Parker Solar Probe	??	Praneel
7	Earth Data Analysis Developers Wanted?	Kumar	Rohan
8	Exploring Venus Together	Alli	Sareeya
9	How Does Climate Change Affect You?	Liu	Will
10	Insar Change Detectives!	Chang	Warren
11	Learning Through the Looking Glass	Nalia	Sneha
12	Make a Moonquake Map!	Legala	Akarsh
13	Measuring Open Science	Nebiyu	Bethlehem
14	Nimbus to Now: The History of Nasa's Earth-Observing Missions	Satpathy	Srimann
15	On the Way to the Sun	Shaheen	Zara
16	Outfitting a Mars Habitat: A 3D Print Challenge	Zhang	Jason
17	Save the EArth from Another Carrington Event !	Zhu	Vivian
18	Take FLIGHT: Making the Most of Nasa's Airborne Data	Low	Jovia
19	The Art in Our Worlds	Lee	Evan
20	Track the Space Station in 4d	Chang	Solon
21	Turning STEM into STEAM	Chatty	Amav
22	Twinkle, Twinkle, Little Star	Garika	Monisha
23	Visualizing the Jovian System Like Never Before	Hoang	Tuan



Results from Google Form (Only 4)

# 1	<p>Can AI Preserve Our Science Legacy? Capacity Building Resources Gateway Save the Earth from Another Carrington Event!</p>	<p>50% 25% 25%</p>
# 2	<p>Earth Data Analysis Developers Wanted? Save the Earth from Another Carrington Event! Creative Data Display with the Parker Solar Probe</p>	<p>50% 25% 25%</p>
# 3	<p>Can AI Preserve Our Science Legacy? Creative Data Display with the Parker Solar Probe Exploring Venus Together Visualizing the Jovian System Like Never Before</p>	<p>25% each</p>
# 4	<p>Make a Moonquake Map! Insar Change Detectives! Exploring Venus Together Visualizing the Jovian System Like Never Before</p>	<p>25% each</p>

NASA International Space Apps Competition

DETAILS:

- Location: Granite Center at 909 Mormon Street
- Schedule:
 - Pre-Event: Friday, September 30th @ 6-7:30pm
 - Review Challenges and Meet & Greet
 - Event: Saturday, October 1st @ 9am & Sunday, October 2nd and online
- Registration:
 - Need to register Team(s) ASAP!

Next Steps...

- ❑ Prepare for NASA Challenges
 - ❑ Teams?
 - ❑ Registration
 - ❑ 1. Start by [registering](#) on the NASA Sign Up page.
 - ❑ 2. Verify email.
 - ❑ 3. Choose the [location](#) "Universal Event" (Folsom has not been designated as an official site).
 - ❑ 4. Select "Register Now" on the location page.

- ❑ Next Chapter Meeting
 - ❑ Thursday, October 6th???

Q&A

Adjournment

Thank You for Participating!

