



FCUSD ACM Chapter Meeting

Advancing Computing as a Science and Profession

September 28, 2022

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

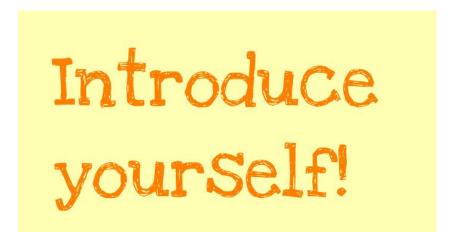
Meeting Agenda

- 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



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

<u>Who:</u> Coders, scientists, designers, storytellers, makers, and builders. <u>GO</u> <u>TEAM Alumni</u>

Where: Folsom

When: October 1st and 2nd

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





Student Presentations on 23 Challenges

ž	ASSIGNED CHALLENGE	LAST	FIRST
1	Bulid a Space Biology Superhero	Udupa	Rohan
2	Calling All Radio Enthusiasts!	Nekkanti	Akhil
3	Can Al Preserve Our Science Legacy?	Balasai	Akshitaa
4	Capacity Building Resources Gateway	Vardini	Amirta
5	Create Your Own Challenge	Khan	Imaad
6	Creative Data Display with the Parker Solar Probe	77	Praneel
7	Earth Data Analysis Developers Wanted?	Kumar	Rohan
8	Exploring Venus Together	All	Sareeya
9	How Does Climate Change Affect You?	Uu	WII
10	Insar Change Detectives!	Chang	Warren
11	Learning Through the Looking Glass	Nalla	Sneha
12	Make a Moonquake Map!	Legala	Akarsh
13	Measuring Open Science	Neblyu	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	Outitting a Mars Habitat: A 3D Print Chailenge	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 #d	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



<u>Results from Google Form (Only 4)</u>

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

NASA International Space Apps Competition

DETAILS:

- <u>Location:</u> Granite Center at 909 Mormon Street
- <u>Schedule:</u>
 - 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!



- Prepare for NASA Challenges
 - □ Teams?
 - Registration
 - 1. Start by <u>registering</u> on the NASA Sign Up page.
 - **Q** 2. Verify email.
 - 3. Choose the <u>location</u> "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???



Adjournment

Thank You for Participating!

