

## Q21 - When would be a good time for the summit? (Rank your choices)

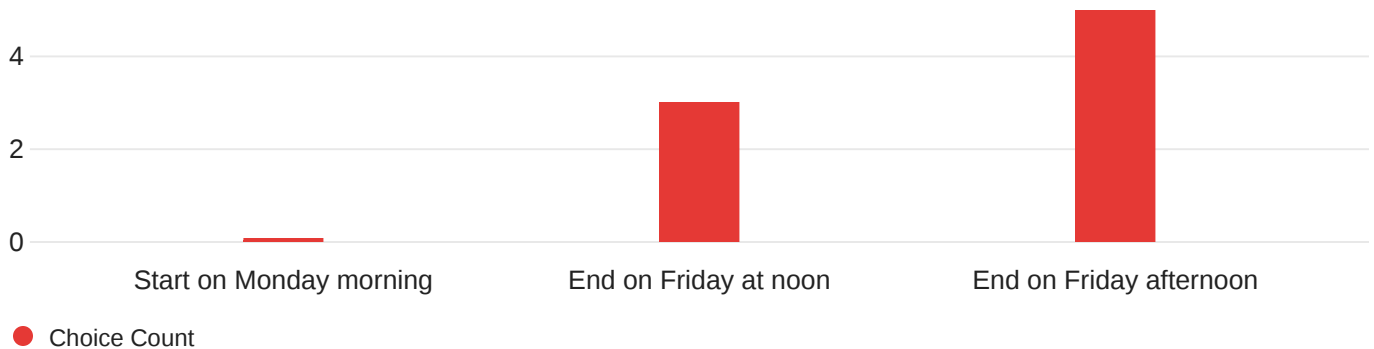
Summit will n...

Field	Median	Responses	Sum
February	1.00	9	15.00
March	2.00	9	18.00
April	3.00	9	21.00

## Goals - Rank your most important goals for an in-person summit

Field	Median	Responses	Sum
Meet other teams and share progress	2.50	10	26.00
Meet with University staff and learn about resources	2.50	10	28.00
Get additional funding for safety gear	3.00	10	28.00
Develop systemwide support tool	3.00	10	32.00
Learn about safety leadership and management	4.50	10	36.00

## Start Date - Which timing would you prefer?



## Q24 - Any specific restrictions to your availability? Planned launches, symposiums, etc

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N/A

No restrictions during the month of February.

Planned launches during the month of March and April.

None currently, although subject to change as the year progresses.

I think an overall suggestion is that since we are mostly on a quarter system (except for UCB), people start to get busy with midterms and finals pretty soon after week 4/5 into the quarter. So if possible, it'd be awesome to avoid midterm seasons too

March 22-26, 2024 my team will be heading to Kansas to compete in the Argonia Cup competition

## Missing Items - Are there other items you would like to see in the agenda or discuss at the in-person summit?

N/A

As it would be the first one I will be attending for UCSC, I am excited to see what will be offered in the summit. I would hope to learn more about the resources that we can gain for funding, experience, and management.

On Campus Testing and using UC campuses to test rockets & engines. Viability of building a testing facility in each campus.

None come to mind.

I'd be very interested in seeing how other teams select their safety/industry guidelines from for their design, manufacturing, and testing

UC Wide Motor Policies for Storage and Disposal

Working with outside mentorship from NAR or Tripoli for teams

Testing safety regulations and locations

Machine shop access to rocketry teams

Managing the passing down of knowledge as members graduate

## Q22 - Anything else you would like to learn about or discuss - outside of the in-person summit?

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N/A

N/A, but will let you know if I think of any!

How the UC system plans to aid in the development of rocketry teams in terms of providing safety materials and proper build spaces

## Best - What do you feel your Organization does best?

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Our Organization specializes in competing in the NASA USLI Competition.

RPL was founded with the goal of making rocketry accessible to all. Through our four main projects, we strive to achieve this goal, ensuring that everyone, regardless of their background or experience level, has the opportunity to engage in and benefit from our various projects.

One of our key strengths lies in our work culture, cultivated by a shared sense of purpose among our 150+ members. This unity of purpose drives us forward and creates an environment where each individual feels valued and connected to our collective mission. Additionally, we take pride in our ability to foster technical skills among our members. Our organization provides a platform for skill development, ensuring that every individual has the opportunity to enhance their capabilities within our supportive community. This emphasis on technical proficiency goes hand in hand with our unwavering commitment to building a strong sense of community. We endeavor to create an inclusive and encouraging atmosphere where everyone feels a sense of belonging, irrespective of their background or level of expertise.

Our Daedalus program is an example of our dedication to inclusivity. It welcomes members regardless of their academic year, major, or experience level. This program reflects our core belief in providing equal opportunities for all to participate and contribute meaningfully to rocketry.

Currently our organization is best focused on the avionics/airbrakes of a rocket as UCSC is full of eager computer engineering/science students. We compete in the NASA USLI competition, which only allows for the use of solid rocket motors reaching an apogee of 4,000-6,000 ft.

I think my organization is very good at providing training and new member education using older members to run technical workshops for new / prospective members as well as our UCLA E96R Rocketry course that new members take (which is taught by older students and is taken for course credit at UCLA).

Reaching out to the right mentors to be able to design and test complex systems accurately and safely. Passing down information over the years and having strong documentation of best practices and procedures that are still followed. I feel that SEDS is highly organized and does very well with internal and external communication for a student-led team.

Experience working with aerospace hardware has resulted in members obtaining internships and jobs within multiple aerospace companies.

## Support - What do you feel your Organization needs the most support with?

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Our Organization feels support towards designing and manufacturing a liquid engine will go far to better our members learning.

RPL has been fortunate to have been granted an exceptional project space that fosters collaborative work among our team members. We highly value this space and our team's expertise, which has been instrumental in driving our projects forward. While we're grateful for our excellent project space and talented team, there are a few areas where RPL could use support. We require support in acquiring additional safety gear, including Personal Protective Equipment (PPEs) and respirators. These items are crucial for maintaining a safe working environment, and securing a few additional of these will aid us in executing our projects in a timely manner. Additionally, we seek assistance in expanding our network within the UC system and establishing connections with faculty, industry professionals, and other teams. These connections will not only enhance our projects but also contribute to the broader knowledge-sharing ecosystem within UC High Power Rocketry.

Our organization needs the most support with starting more challenging projects such as liquid rocket engines as we at UCSC do not have an aerospace or mechanical engineering program. We do not have a professor who has experience with liquid rocket engines or other related systems for us to work along with.

We are in need of a space to test our Thrust Vector Controlled Vehicle on-campus. Project Ara involves the controlled launching of a small-scale rocket, which reaches a maximum altitude of approximately 65 feet – a height commonly exceeded by recreational drones. This small scale underscores our commitment to safety and controlled experimentation. The rocket, weighing 1.32 lb and equipped with an E Class Motor, is designed for a brief flight time of around 10-11 seconds.

I think that my organization is a relatively well-oiled machine at this stage, although securing funding through UCLA is always difficult and it is hard to predict how much funding we will have for each year due to changes in BOD and CPC funding metrics and allocations. Establishing and maintaining a steady stream of safety equipment such as gloves, safety glasses, etc is something that is difficult as well (primarily due to budget uncertainties as mentioned above).

Knowing what we can ask for from the school, while we have always gotten positive responses when engaging with the school (EH&S, departments), we do not have a good gauge of what resources are available to us and who we can contact for support.

some technical guidelines / what to avoid in the design and manufacturing process would be nice.

Funding, especially for larger competitions. Because my project is within AIAA, there are multiple projects ongoing which all are funded by ASUCM, this is challenging when multiple projects aim for competition and ask for funding.

AIAA at UC Merced needs help obtaining sponsorships and external funding outside of ASUCM.

In addition, obtaining materials through purchase orders has been challenging as the school outsources the actual purchasing of materials and there have been times when the school wouldn't purchase what we needed for 7 months because they forgot to or they didn't reach out and tell us there was an issue

Oversight and Mentorship within High Power Rocketry. The team lacks strong mentorship as it doesn't have a mentor from Tripoli and relies on Students to oversee the construction of rockets. This is challenging when only one student has more experience and has to oversee multiple things as a result of this