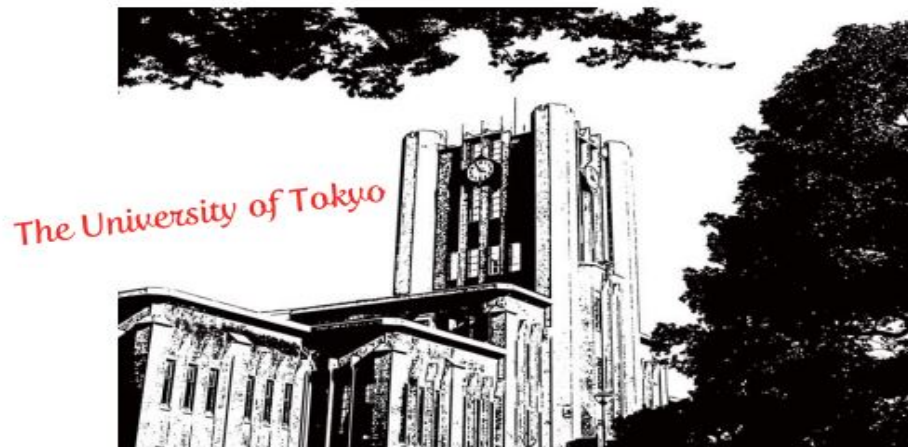


2023 Summer Camp



July 25-27, 2023

**The University of Tokyo,
LMJ Tokyo Training Center**

The University of Tokyo

Graduate Program for Mechanical Systems Innovation (GMSI)

World-leading Innovative Graduate Study Program Co-designing Future Society (WINGS CFS)

World-leading Innovative Graduate Study Program

Quantum Science and Technology Fellowship Program (WINGS Q-STEP)

World-leading Innovative Graduate Study Program in Gerontology (WINGS GLAFS)

World - leading Innovative Graduate Study program for Materials Research, Information, and Technology (MERIT - WINGS)

World-leading Innovative Graduate Study Program on Global Leadership for Social Design and Management (WINGS-GSDM)

Designing Future Society Fellowship (DFS Fellowship)

- UTokyo and world-leading universities Ph.D students discuss and exchange ideas to propose an international research project with your team members to develop an innovative device related to “Climate Change Mitigation” or “Diversity and Inclusion”.
- 39 Participants from 8 universities of 6 countries & regions and 3 company.



Welcome Address



Prof. Kasahara



Prof. Suzuki



Prof. Maruyama



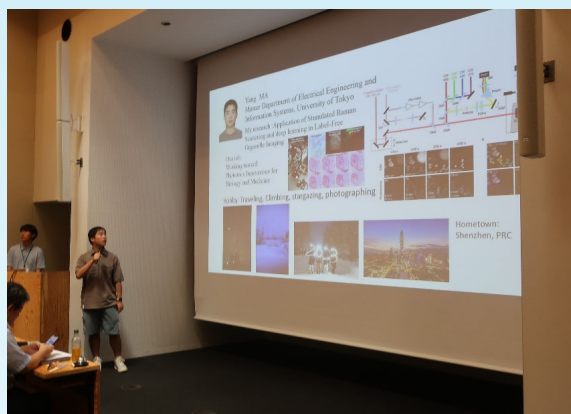
Prof. Harada

Student Planning Session

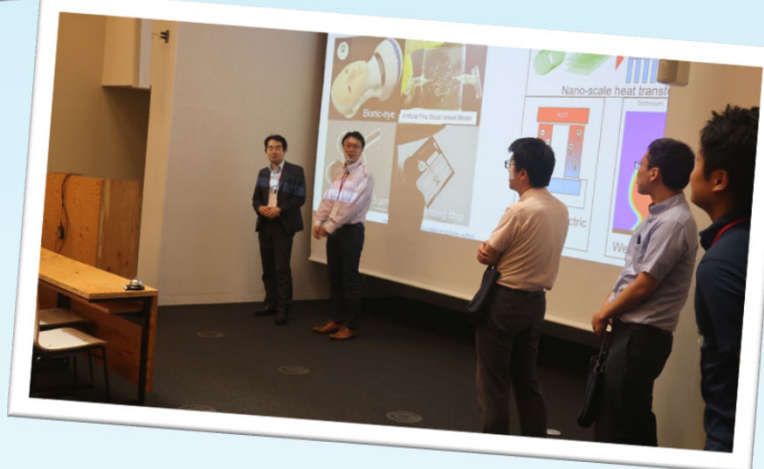


Ms. Sato

Self Introduction



- Labo tour #1: Nuclear Medicine Imaging Lab.
- Labo tour #2: Daiguji&Hsu Lab.
- Labo tour #3: Dept of mater. Eng. Ejima Lab. & Matsuura Lab.
- Labo tour #4: Mechanical Engineering Lab.



Team Meeting





... Special lecture - 1 ...

Prof. Yiguang Ju (Princeton University)

Title: "Energy and sustainability"



... Special lecture - 2 ...

**Dr. Takashi Yoshikawa
(Corundum Innovation Co., Ltd.)**

Title: "Non-technical skills for fruitful project, from professional careers in engineering, consulting, and venturing"

Your task is to propose an international research project with your team members to develop an innovative device related to “Climate Change Mitigation” or “Diversity and Inclusion”

Presentation template

- ✓ Problem identification
- ✓ Idea of New Device
- ✓ International research project
- ✓ Organization of international research team
- ✓ Potential impact
- ✓ Roadmap & Budget

Problem identification

- Describe **both social and technical backgrounds** related to the topic you chose. (by citing statistical data, public statements, journal papers , etc.)
- Specify the problem for your project.



Idea of New Device

- Propose a new device.
- Please try to use technical seed(s) of your team members or use state-of-the-art technical seeds you are familiar with.
- High-level technical discussions are expected.



- 7 teams (5-6 participants/team) were organized in advance.





東京大学
THE UNIVERSITY OF TOKYO

Student Planning Session

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Criteria	Points
Innovation, and potential impact	/ 5 points
Background survey, technical soundness, feasibility, and project management	/ 5 points
Teamwork, presentation	/ 5 points



Best Proposal: Team3



Best Presentation: 5



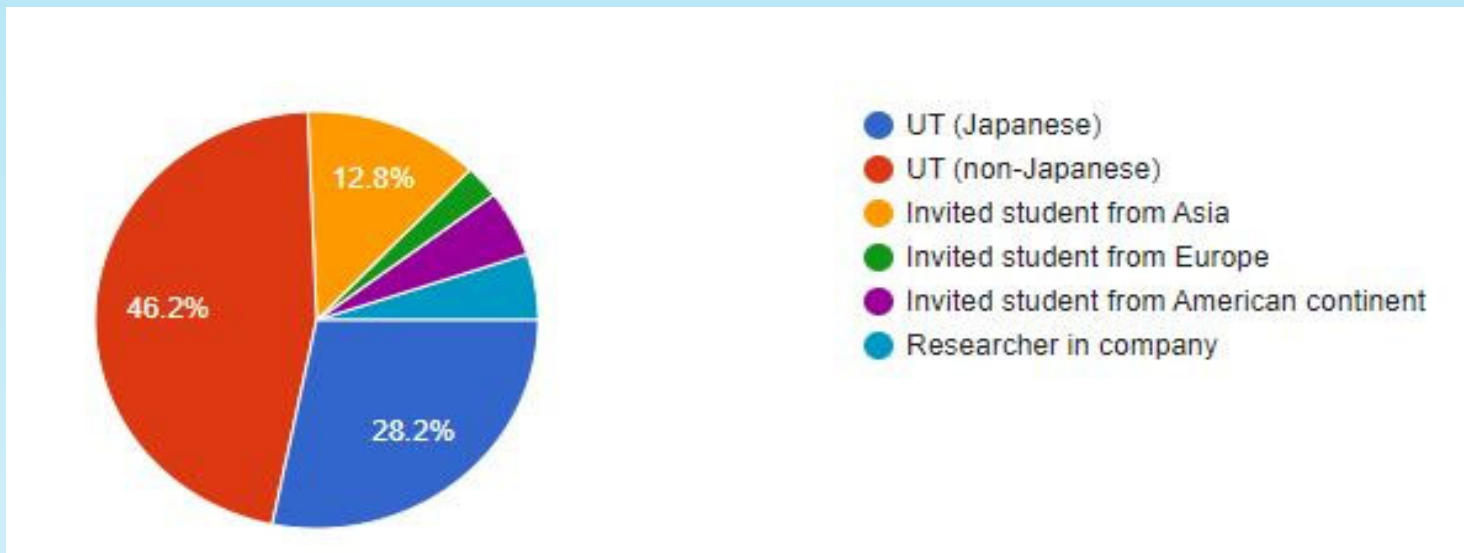
Best Presentation: 4

Questionnaire Summary (1)

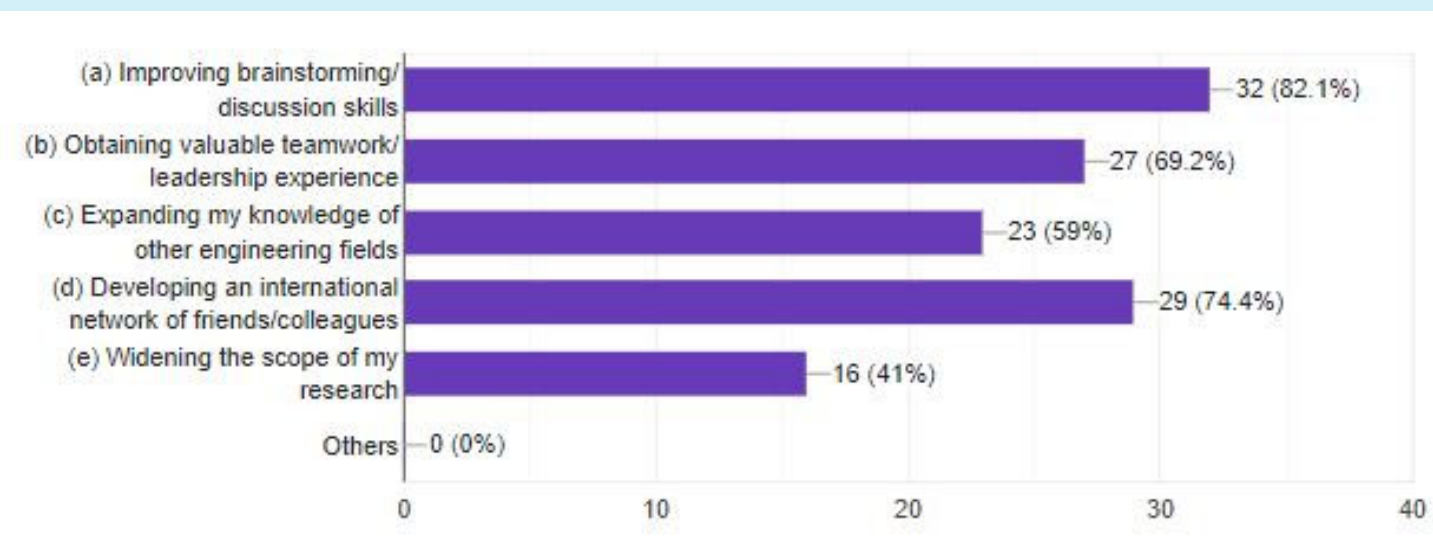
11

■ Which of the following describes you ?

39 Participants



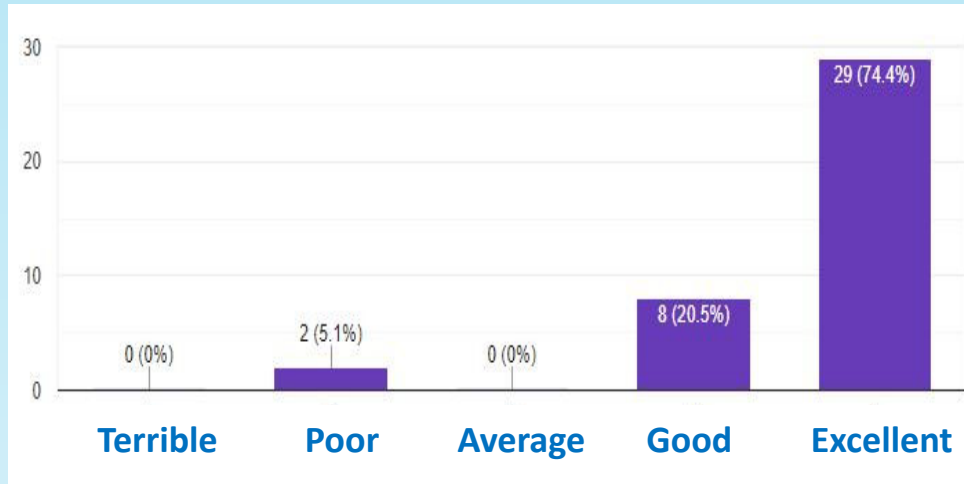
■ In which of the following areas did you find the camp beneficial?



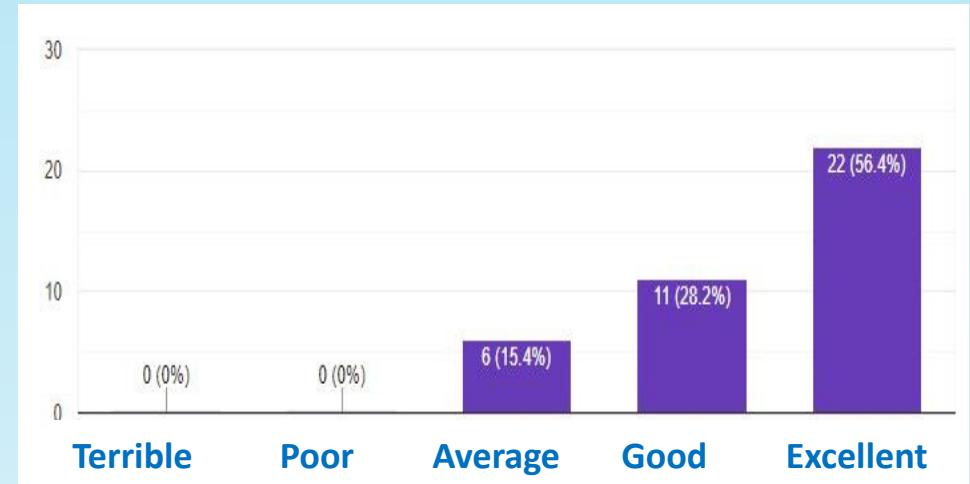
Questionnaire Summary (2)

12

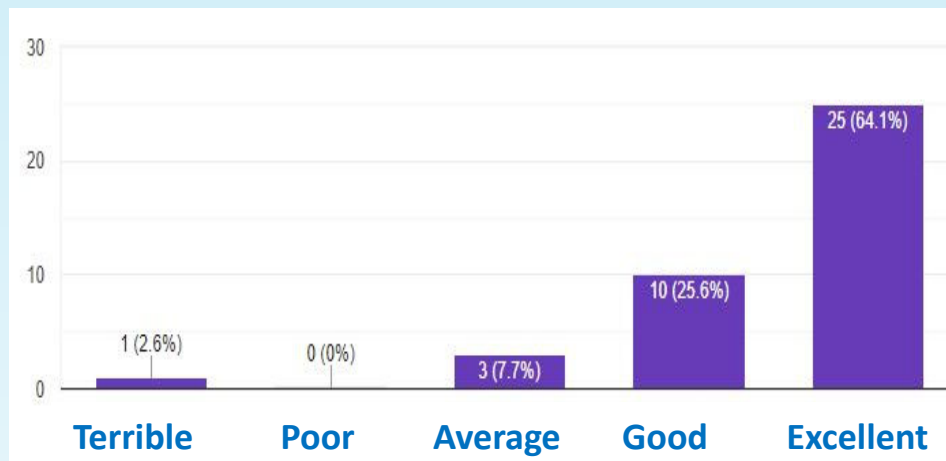
■ Did you enjoy the Summer Camp ?



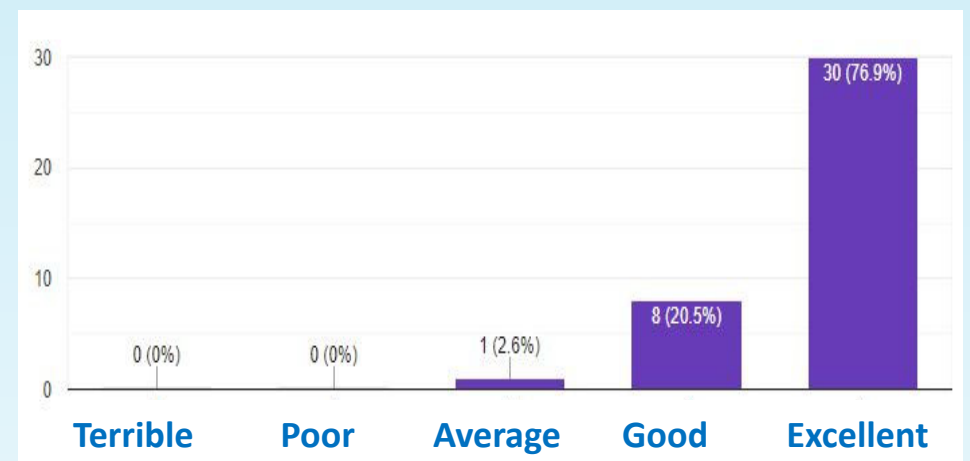
■ Self introduction



■ Lab Tour



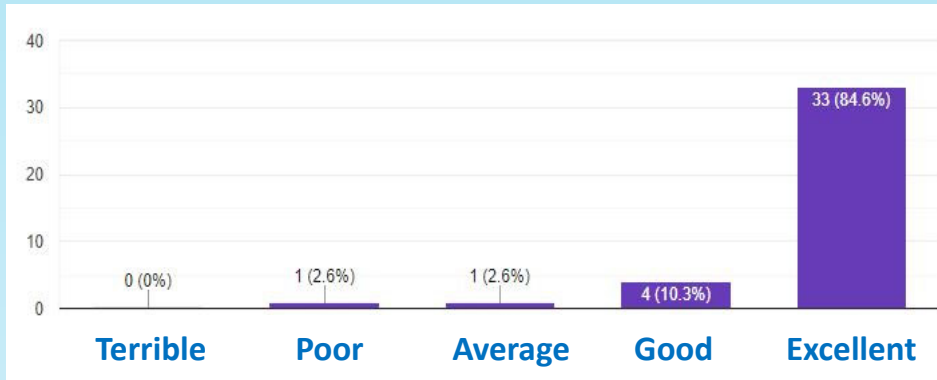
■ Team meeting



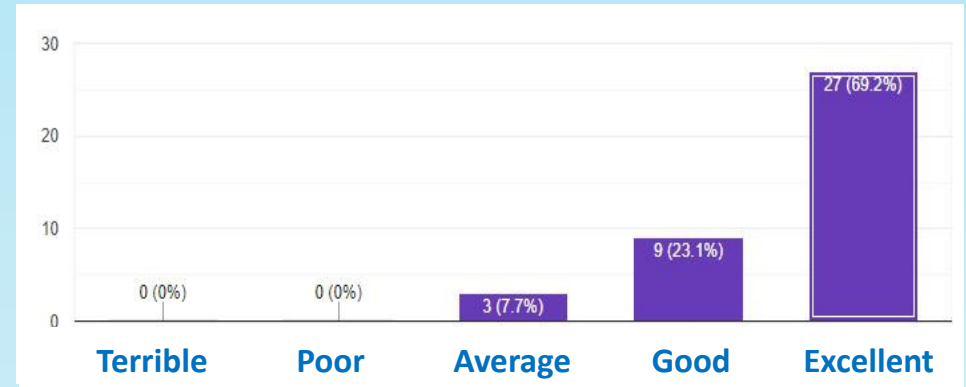
Questionnaire Summary (3)

13

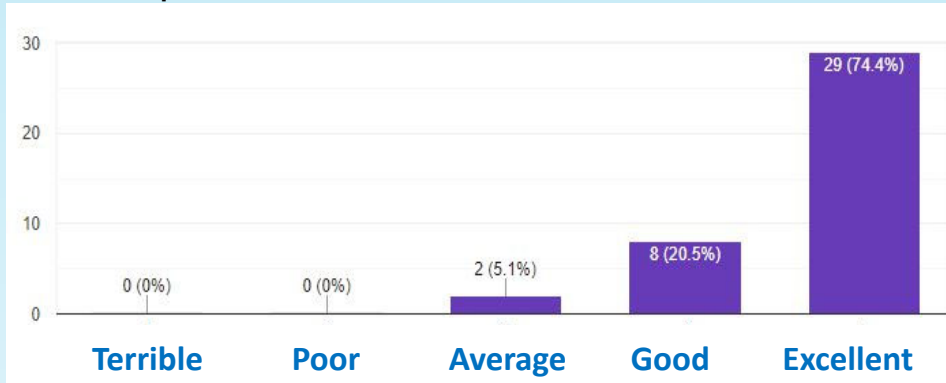
■ Lectures



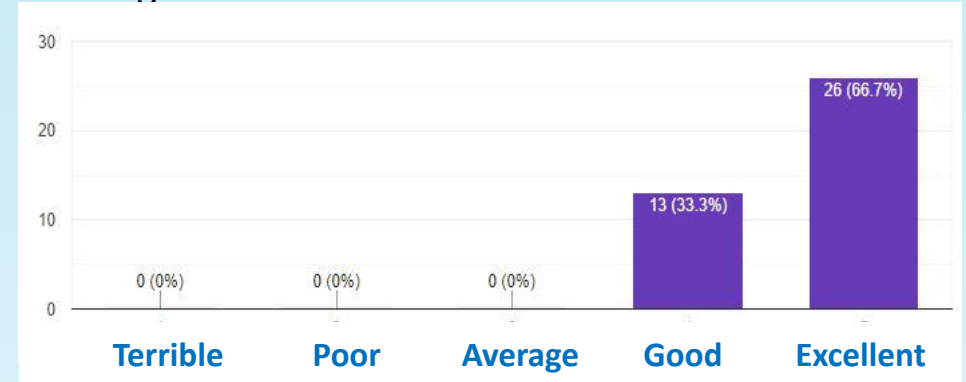
■ Student planning session



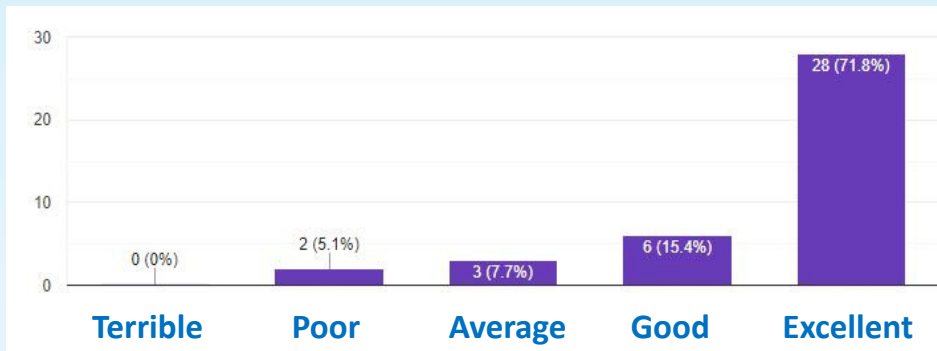
■ Final presentations



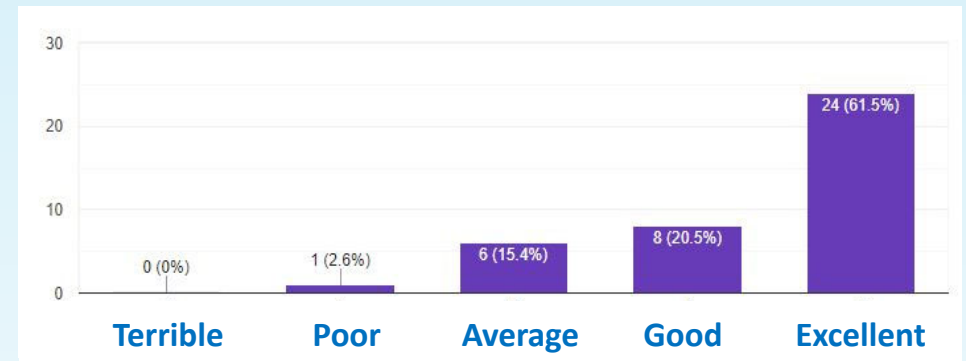
■ Organization



■ Meals



■ Venue



- Please write any additional comments you may have about the camp. Constructive suggestions/proposals are more than welcome. Thank you very much !
- It was nice except the weather.
- 良い経験になりました。離れた場所で開催されるとより楽しかったかと思います(東大の県外施設など)
- This was a great experience! Very interesting work.
- Thank you very much.
- Thank you so much for organizing such a nice summer camp. I really enjoyed the camp. It was wonderful experience for me. Communicating with a facilitator and students widen my thinking. If I have time I would like to join the camp again.
- It would be amazing to hold the event outside of Tokyo.

- Many thanks to the organizers for such a wonderful experience!
- I really like the summer camp and idea of collaboration with students from other disciplines with lot of team discussions. The facilitator also played a very nice role in driving us to more focused discussions.
- I'm really great full for the opportunity, I highly enjoyed my experience a lot in Tokyo, the only suggestion I'll have is to have slightly longer final presentations so we can go deeper into they technical aspects of the works. Thank you very much.
- Would have been nice to hold the camp at the actual camping place. Otherwise having the camp inside the campus is nice.
- Thank you all for organizing the summer camp!!! I have been having great time with others. I would love to hear more lectures!!! That will be really interesting. Thanks again!!!

■ The summer camp was an incredible experience, surrounded by talented international students from diverse backgrounds. I am grateful for the opportunity to have learned so much during my time there. The cultural exchange and sharing of skills enriched the entire camp atmosphere. If I were to offer a constructive suggestion, it would be to consider extending the duration of the camp slightly, as the time flew by too quickly! A few extra days would allow for even deeper connections and more in-depth learning opportunities. Overall, it was a fantastic camp, and I'm thankful for the memories and knowledge gained. Thank you for organizing such an amazing event!

Some suggestions(if you don't mind me sharing down below, sorry if its too far fetched):

- I wish we all had to chance all campuses of Todai such as Kashiwa, komaba and forest institute.
- While the experience was enriching and enjoyable, it would have been even more beneficial and well-rounded with a more balanced representation of girls. Encouraging and inviting more girls to participate in future camps would foster a diverse and inclusive environment, providing everyone with a chance to learn and grow together. By embracing gender equality, we can create a space where all talents and perspectives can flourish, making the camp an even greater success.

- more lectures from guest speakers professors of diverse background to get a feel of cutting edge technology, science and R&D going on in different fields of STEM
- Hands-on Projects: Incorporate more hands-on projects and experiments that allow participants to apply theoretical knowledge in practical scenarios
- Industry Visits: Organize field trips to technology companies, research laboratories, and innovation centers in Tokyo.
- Digital Resources: Create a repository of digital resources, including presentations, research papers, and coding tutorials, for campers to access during and after the camp. This will encourage continued learning beyond the event.