



International relations at CERN



Greek High-School Students Internship
Programme 2021



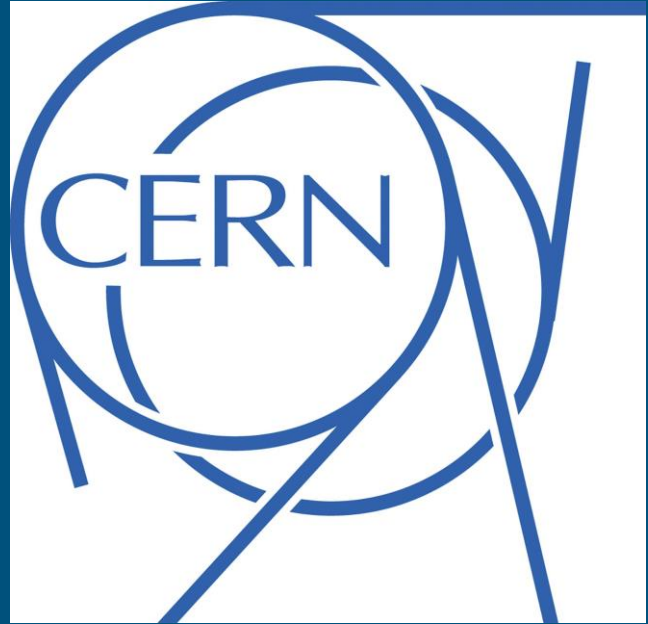
Students and Supervisors

- **Students:**

- Eleni - Ergina Fotopoulou
- Christina Roumpou

- **Supervisors:**

- Emmanuel Tsesmelis
- Ana Dordevic



International Relations Sector

Science for peace
CERN was founded in 1954 with 12 European Member States



23 Member States

Austria – Belgium – Bulgaria – Czech Republic
Denmark – Finland – France – Germany – Greece
Hungary – Israel – Italy – Netherlands – Norway
Poland – Portugal – Romania – Serbia – Slovakia
Spain – Sweden – Switzerland – United Kingdom

3 Associate Member States in the pre-stage to membership

Cyprus – Estonia – Slovenia

7 Associate Member States

Croatia – India – Latvia – Lithuania – Pakistan
Turkey – Ukraine

6 Observers

Japan – Russia – USA
European Union – JINR – UNESCO

CERN |

More than 50 Cooperation Agreements with non-Member States and Territories

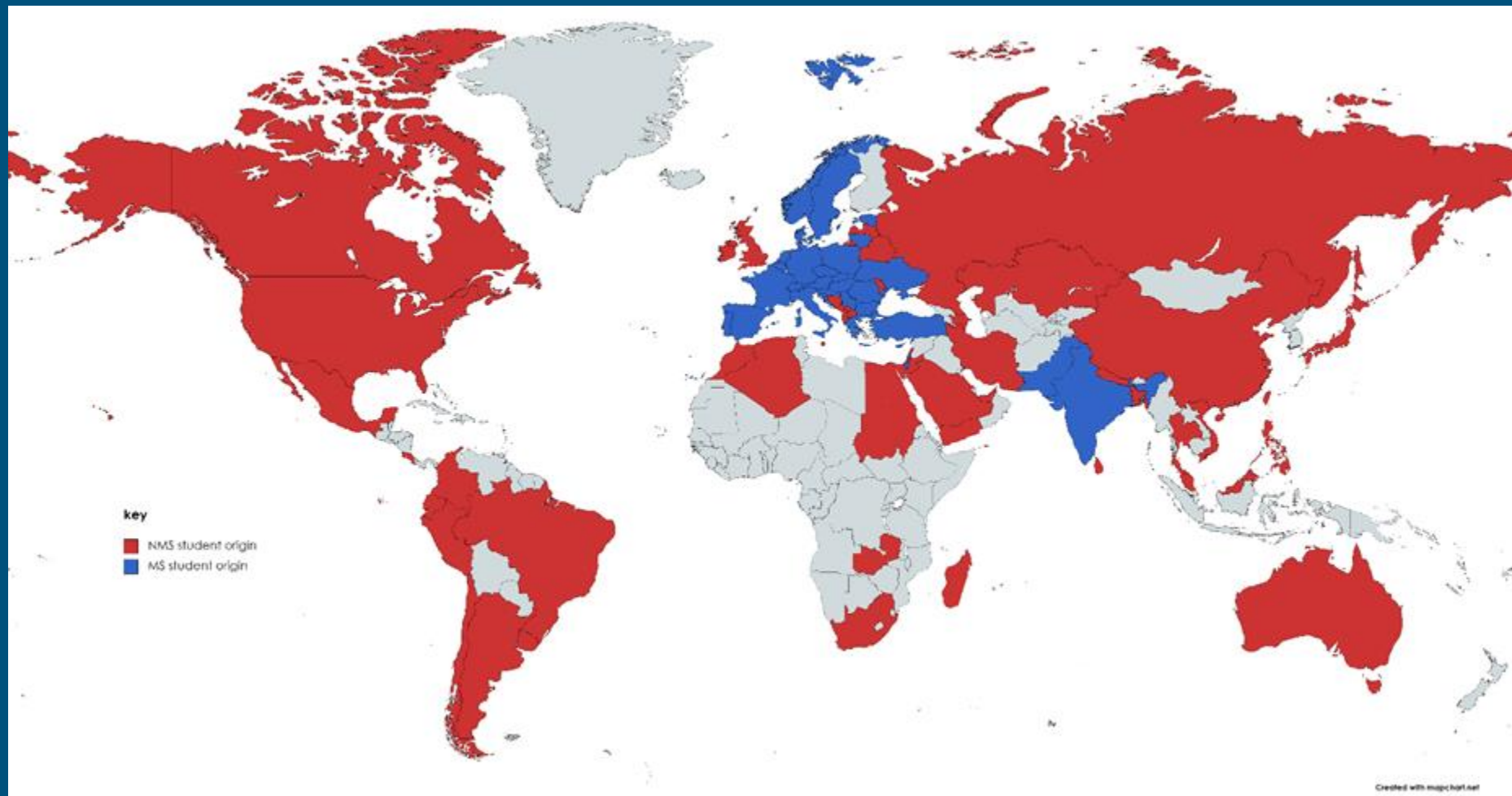
Albania – Algeria – Argentina – Armenia – Australia – Azerbaijan – Bangladesh – Belarus – Bolivia
Bosnia and Herzegovina – Brazil – Canada – Chile – Colombia – Costa Rica – Ecuador – Egypt – Georgia – Iceland
Iran – Jordan – Kazakhstan – Lebanon – Malta – Mexico – Mongolia – Montenegro – Morocco – Nepal
New Zealand – North Macedonia – Palestine – Paraguay – People's Republic of China – Peru – Philippines – Qatar
Republic of Korea – Saudi Arabia – Sri Lanka – South Africa – Thailand – Tunisia – United Arab Emirates – Vietnam

- The CERN International Relations Sector includes:
 - Diplomatic and Stakeholder Relations (IR-DS)
 - Education, Communication and Outreach (IR-ECO)
- The Associate and Non-Member State section (IR-DS NMS) keeps record of the actions of CERN non-member states in
 - Student programmes
 - Collaborating laboratories
 - Universities etc.
- It also develops and enhances links with Associate Member States, Non-Member States and international scientific organizations
- Promotes and implements of CERN's geographical enlargement policy.

NMS Summer Student Programme 2021

- Online
- 128 students
- 50 nationalities
- Flagship Programme



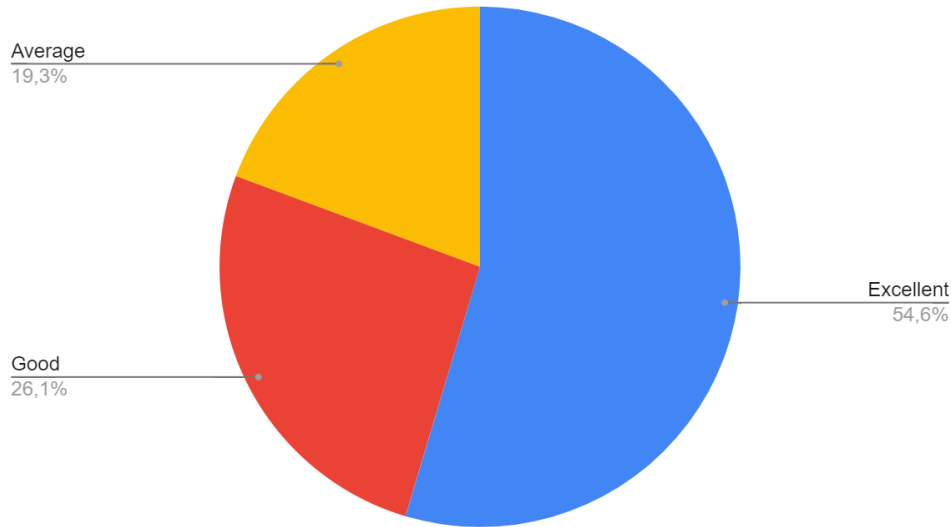


Our project

- We received data from this Summer Student Programme questionnaire.
- We analyzed the responses of students who are nationals of Non - Member States.
- Use of Excel to present visually the answers via graphs.
- Reading the comments and recommendations of the students.
- We made a report of our research.

Some of the graphs and comments

Overall satisfaction with the studentship

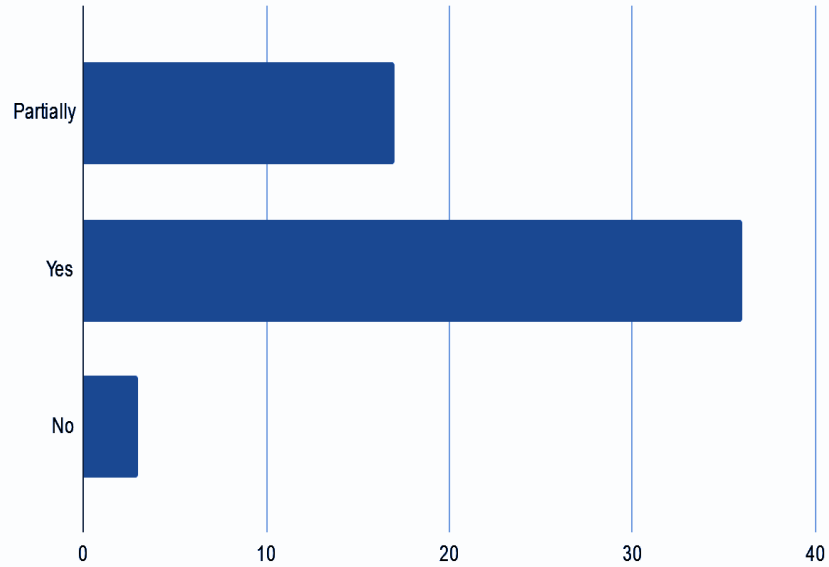


Comments on the CERN Summer Student Programme :

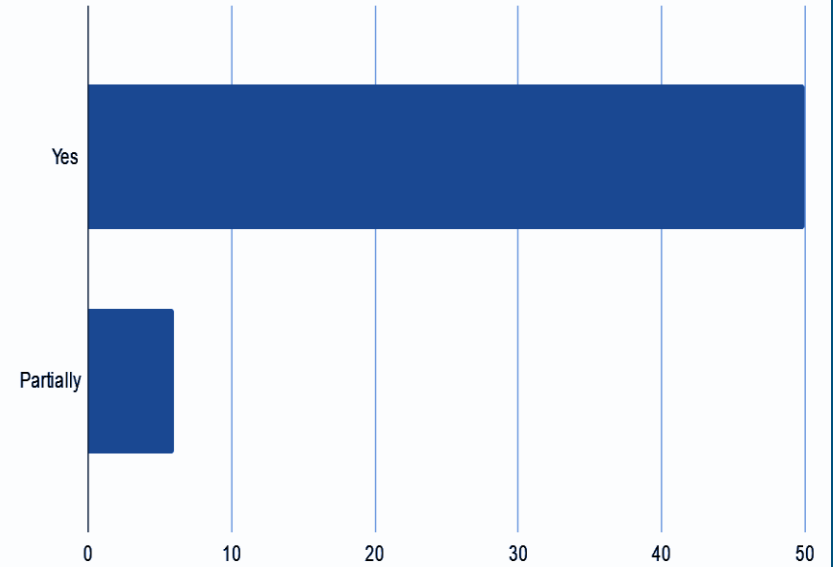
- “Excellent! I've learned a lot of new stuff.”
- “Project was interesting for me as I learned new things on the established things that I already knew. So it was all a really nice knowledge building experience.”
- “It was not related to my field of study but I learned a lot about IT in this project and it was really challenging for me & opened the new window of science fields for me. thank you very much”

Evaluation of the work project

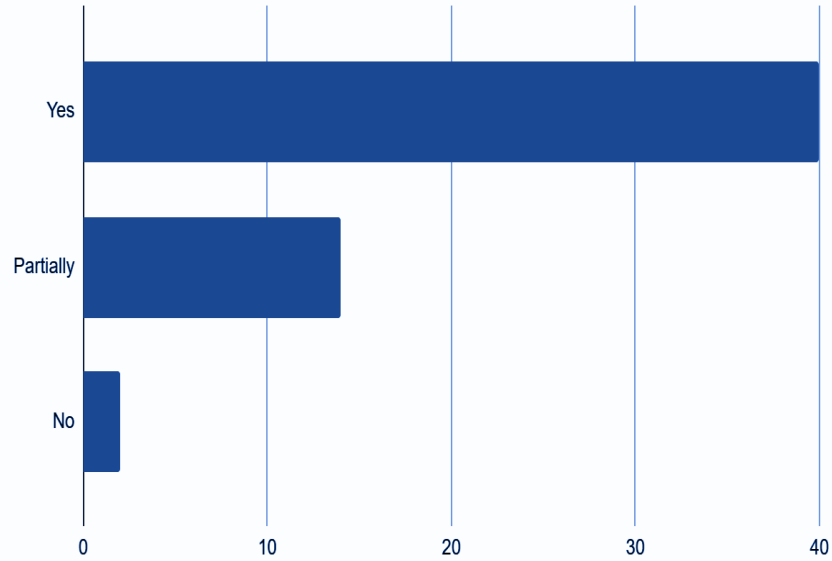
Met my expectations



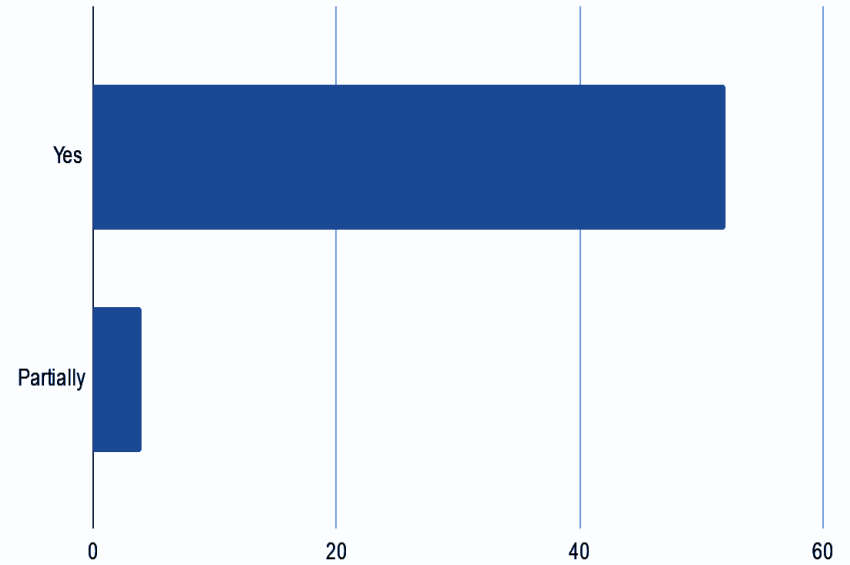
Workload was adequate



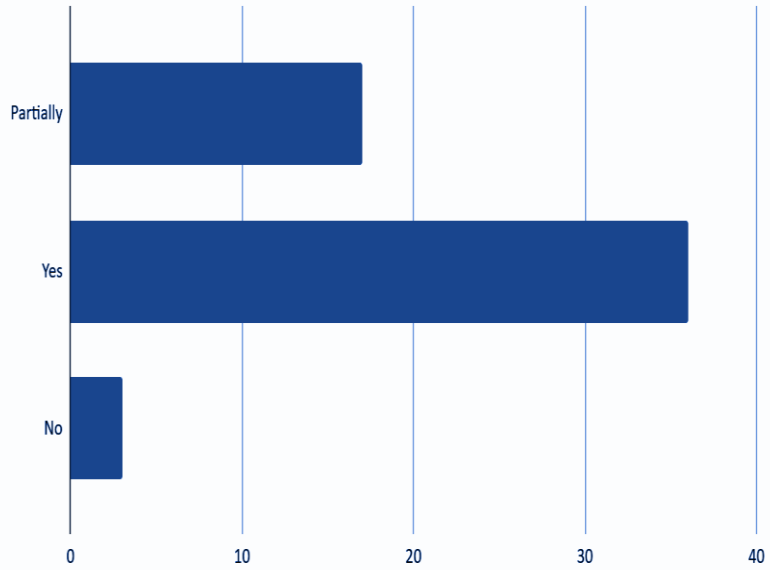
Relevant to my field of study



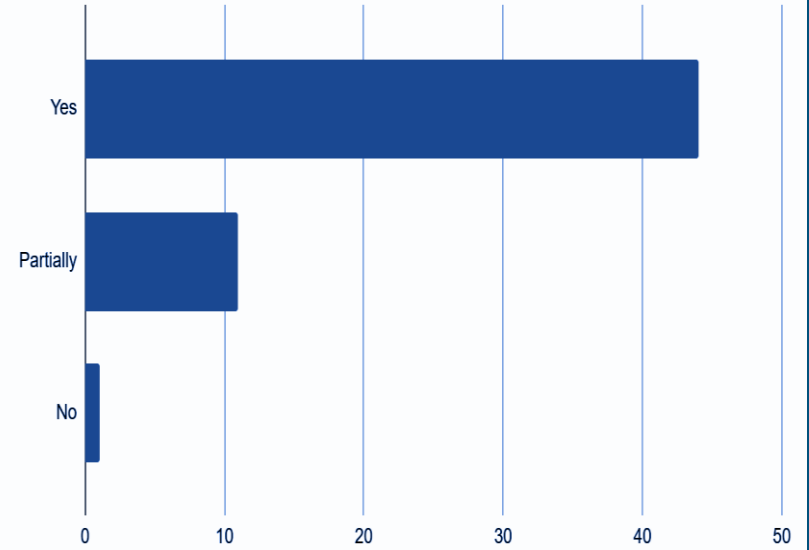
Enabled me to learn new tasks and to develop my skills



Challenging

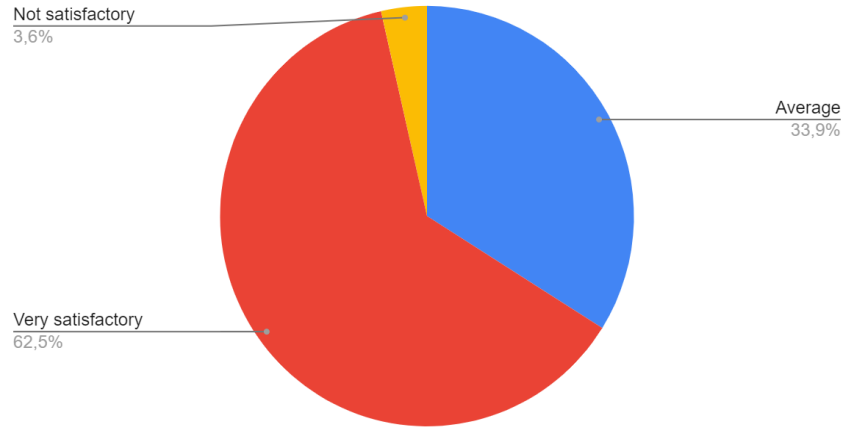


Adapted to my level of knowledge and experience

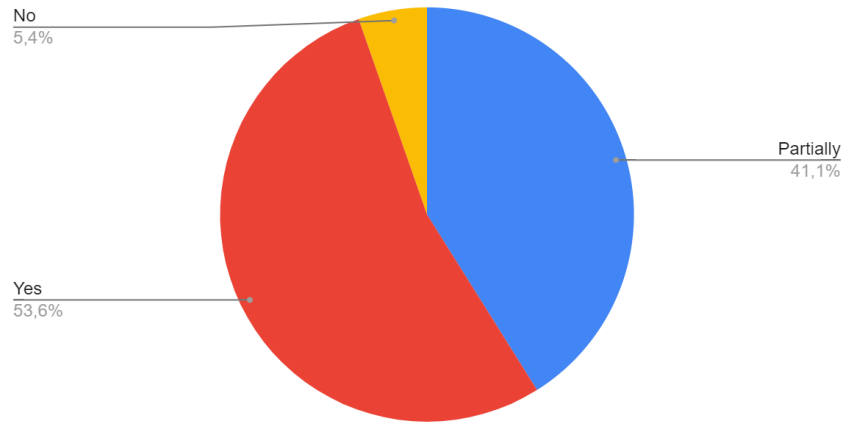


	Enabled me to learn new tasks and to develop my skills	Workload was adequate	Relevant to my field of study	Met my expectations	Adapted to my level of knowledge and experience	Challenging
No	0	0	2	3	1	3
Partially	4	6	14	17	11	17
Yes	52	50	40	36	44	36

How satisfied were you with the use of zoom and other online learning resources in this course?



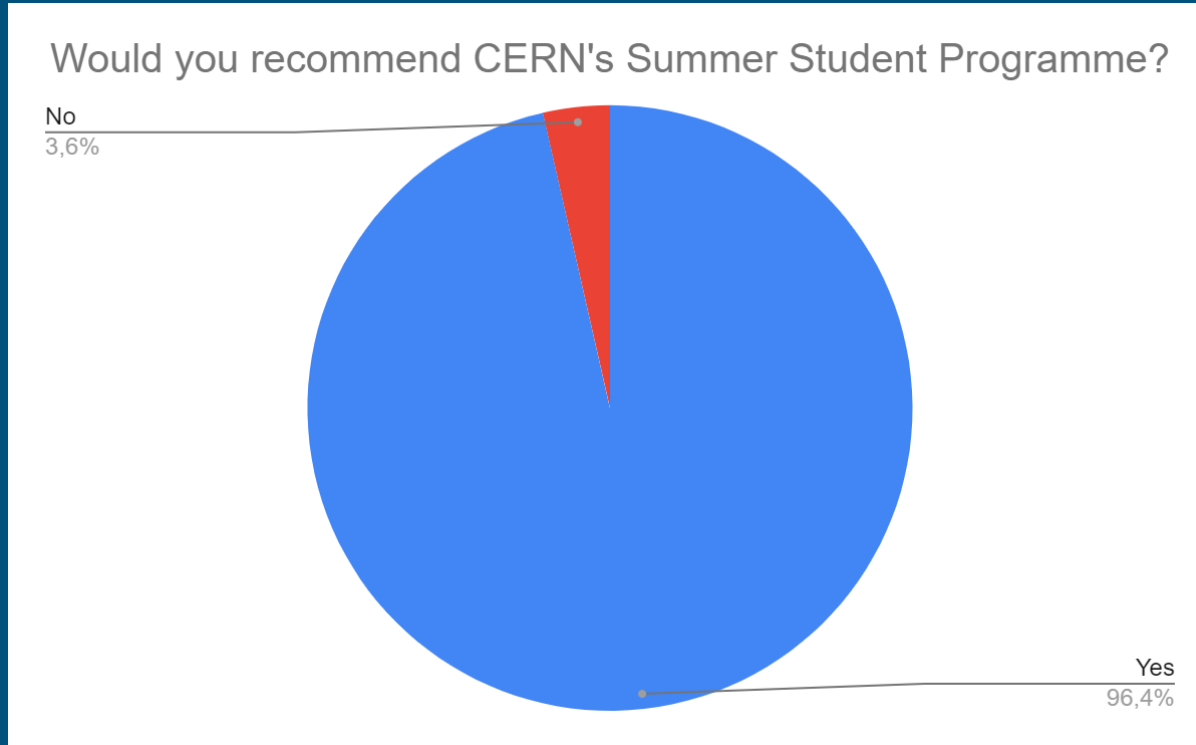
Were you given ample opportunities to socialize and talk to other students despite the online setting?



Interesting comments on online lectures:

- “It was conducted in the best way possible”
- “The only problem I had was the difference in the time zones, everything was really fine.”
- “I think it would be easier if the program was in person, but for an online program, it was a bit difficult to attempt to attend all of the lectures and make good progress on my project work.”
- “I think lectures can be more interactive. Some small quizzes or homework may help us learn better.”

In the end, these were the final results:



Final Review of the Project

- Exercise in data analysis with excel.
- Process information from student's questionnaire about CERN and its educational aspects.
- There is a clear preference for an in-person programme and we expect in 2022 it will be again in person, if conditions with COVID-19 allow.
- As a result, we identified improvements that can be implementing for the NMS Summer Student Programme at CERN.

Thank you for your attention!

Christina Roumpou & Eleni - Ergina Fotopoulou