

ASPIRE Forum 2022 Online Student Workshop Completion Report

Report Date 22 07 10

Your Name	LE LAY CEDRIC LAURENT DYLAN		
Affiliation at Tokyo Tech	School of Engineering Dept. of Information and Communications Engineering		
Student ID#	21M18754	Current academic program year	M1
Program theme	Post Pandemic: Technologies for Sustainable Living		
Program period	22 07 04 to 22 07 07		
Posting to the web	This report may be posted on Tokyo Tech website. Would you prefer to have your name included or excluded from the report if it is uploaded? Include / Exclude		

Report contents

① The reason you joined the program

I believed joining this program would allow me to interact with other students from Asian universities who share the same appetite for research and the betterment of society as I do.

② Pre-program preparations

We were sent a choice of two themes before joining the program: "Propose a new concept of a smart factory with clean energy" or "System Design for Connected Care". We also had to join a slack environment.

③ Program contents, activities

- **Platform:** Slack, Zoom, Miro, Powerpoint

- **Schedule:** From 10:00 to 17:00

- **Activities:** Two lectures were given on the first day by professors at KAIST who were experts in both topics. A symposium was held on one afternoon where we could hear from top researchers from all universities allowing us to broaden our understanding of the topic. The rest was autonomous time collaborating with your team (with help from TAs if needed). Extra-time outside of the normal hours

was not expected but frankly necessary to perform the task asked. Presentation (15 min + 15 min Q&A) on the last afternoon.

- **Networking with other participants:** I connected with many people across many disciplines from Engineering to Social Sciences.

- **Certificate of program completion, any awards:** As our team got awarded “second best presentation”, I believe we should receive a certificate at some point but that may come later.

④ **Program participants**

There were 13 participants. 1 from Tsinghua University, 3 from Tokyo Tech, 4 from HKUST, 2 from Nanyang Technological University, and 3 from KAIST.

⑤ **Any difficulties you faced during the online program**

- Time management was definitely an issue but with a bit of synchronization and willingness of all peers to work after-hours, we achieved satisfying results.

⑥ **Outcomes of your participation in the program**

I was really enriched both by lectures/symposium and student presentations. I particularly enjoyed the Q&A session which allowed us to confront ideas and different views coming from different cultures and backgrounds. Although I had some previous experience researching smart factories, collaborating with students from non-technological backgrounds allowed me to broaden my perspective and try to explain concepts in a way that is understandable to anyone.

⑦ **Any advice for students who wish to participate in a similar type of online program**

You just have to be organized as realistically, it will be really challenging for you to both perform in the program and move further on your research at Tokyo Tech. If you can allocate those 4 days to fully work on the program, you will reap the most benefits possible from it.

ASPIRE Forum 2022 Online Student Workshop

修了報告書

報告年月日

2022/8/12

氏名	*****		
所属学院系・コース	物質理工学院***** コース		
学籍番号	*****	課程・学年	博士課程
テーマ (プログラム)	ASPIRE Forum 2022 Online Student Workshop		
期間	2022/7/4-2022/7/7		
H P 掲 載	この報告書は本学HPに掲載する可能性があります。匿名を希望しますか。 はい/いいえ		

報告事項

① 参加希望理由

国際経験が今までなかったため、アジアのトップ大学の学生と議論、交流することで国際経験を積み、将来的に活かせればと思い応募した。

② プログラムに参加するにあたっての事前準備

- 情報収集

参加募集のオンラインリーフレットをもとに、英語スコア、志望動機などを書いた応募書類を作製した。特段の準備は必要なく、参加したいという思いを書類に書いた。リーフレットは自身が所属している教育プログラムから連絡が来たが、東工大 web のお知らせにもあったようです。

- プログラム主催者との事前やりとり

開催数日前に、2つのテーマ('Propose a new concept of a smart factory with clean energy' or 'System Design for Connected Care')で開催され、希望テーマを選択する旨の連絡があった。全員同じ講義を受けるが、グループワーク、最終プレゼンは自身に割り振られた内容について行う。

③ プログラムの内容

- プラットフォーム (Zoom, Slack, Miro 以外でグループワークの中で使ったものがあれば)

グループメンバー間の連絡は whatsapp、資料作成は共有 PowerPoint を用いて行った。

- スケジュール

Beijing Hong Kong Singapore	Daejeon Tokyo	(Day 1) July 4th , 2022
09:15 - 10:15	10:15 - 11:15	Student Pre-Orientation Ice Breaking Activity
10:15 - 11:15	11:15 - 12:15	Opening Ceremony Student Workshop Orientation
11:15 - 12:30	12:15 - 13:30	Lunch Break
12:30 - 13:30	13:30 - 14:30	Lecture 1 "Smart Manufacturing with Clean Energy" Prof. Hyun-Jung KIM
13:30 - 13:45	14:30 - 14:45	Break
13:45 - 14:45	14:45 - 15:45	Lecture 2 "System Design for Connected Care " Prof. Lisa LIM
14:45 - 15:00	15:45 - 16:00	Break
15:00 - 16:00	16:00 - 17:00	Student Group Work Tutorial
Beijing Hong Kong Singapore	Daejeon Tokyo	(Day 2) July 5th , 2022
9:00 - 10:00	10:00 - 11:00	Student Group Work 1
10:00 - 10:15	11:00 - 11:15	Break
10:15 - 11:15	11:15 - 12:15	Student Group Work 2
11:15 - 13:00	12:15 - 14:00	Lunch Break
13:00 - 16:00	14:00 - 17:00	ASPIRE Symposium
Beijing Hong Kong Singapore	Daejeon Tokyo	(Day 3) July 6th , 2022
9:00 - 10:00	10:00 - 11:00	Student Group Work 3
10:00 - 10:15	11:00 - 11:15	Break
10:15 - 11:15	11:15 - 12:15	Student Presentation Practice/Feedback
11:15 - 12:30	12:15 - 13:30	Lunch Break
12:30 - 13:30	13:30 - 14:30	Student Group Work 4
13:30 - 13:45	14:30 - 14:45	Break
13:45 - 14:45	14:45 - 15:45	Student Group Work 5
Beijing Hong Kong Singapore	Daejeon Tokyo	(Day 4) July 7th , 2022
9:15 - 10:15	10:15 - 11:15	Student Group Work 6
10:15 - 10:30	11:15 - 11:30	Break
10:30 - 11:30	11:30 - 12:30	Student Group Work 7
11:15 - 13:00	12:15 - 14:00	Lunch Break
13:00 - 15:00	14:00 - 16:00	ASPIRE Students' Presentations to VPs & Senior Staff
15:00 - 15:30	16:00 - 16:30	Evaluation of Presentations
15:30 - 16:00	16:30 - 17:00	Presentation of Awards
16:00 - 16:30	17:00 - 17:30	Closing Ceremony

- 活動内容（レクチャー、グループワーク、プレゼンテーション発表など）

両方のテーマから一つずつ講義があり、デジタル技術と絡めたソリューションに関する内容が多かった。最終プレゼンの前に練習発表をする機会があり、フィードバックをもらった。最終プレゼンは各 15 分程の発表と質疑応答を行った。

- 他の参加学生との交流

オンライン開催で食事等を共にすることなどはできなかったが、講義やグループワークの間で雑談をした。モデレーターの方が参加者ほぼ全員に発言する機会を与えてくれたため参加者のことを詳しく知ることができた。

- 修了証、賞など

後日修了証が送付された。4 チームが参加し、上位 2 チームに最優秀賞、優秀賞、残り 2 チームに奨励賞が贈られた。



④ 参加者内訳

(例)韓国 3 名、中国 5 名、香港 2 名、日本 2 二名、など

*出身大学の内訳です。

韓国 (KAIST) 3 名、中国 (Tsinghua University) 1 名、香港 (HKUST) 4 名、シンガポール (Nanyang Technological University) 2 名、日本 (Tokyo Tech) 3 名

自身は KAIST 1 人(出身: 韓国)、HKUST 1 人(出身: インド)とチームを組んだ。

⑤ オンラインプログラムに参加するにあたり、特に苦労した点(あれば)

準備する時間が短いため、時間外にオンラインミーティングを設定して議論する必要があった。ジェネラルな内容について議論する機会が乏しく、案を考えるのに苦労した。発表練習のフィードバックもあり、最終プレゼンと質疑ではよい発表ができた。

⑥ プログラム参加の成果

英語を用いたコミュニケーションや議論を行う力を養う良い経験となった。また、ビジネスピッチを彷彿とさせる他学生の高いスライド作成、プレゼン技術が刺激的だった。

⑦ 同様のオンラインプログラムへの参加を検討している他の学生へのアドバイス

ジェネラルなトピックについて、海外かつ異分野を学ぶ学生と交流する機会は、国際性、協調性などを養う非常に良い経験だと思います。参加を迷っていればぜひ応募してみてください。

ASPIRE Forum 2022 Online Student Workshop Completion Report

Report Date 2022 YY 07 MM 09 DD

Your Name	Zain Issa Falah AbuHassan		
Affiliation at Tokyo Tech	School of <u>Environment and Society</u> Dept. of <u>Architecture and Building Engineering</u>		
Student ID#	22M53140	Current academic program year	M1
Program theme	Post Pandemic: Technologies for Sustainable Living		
Program period	2022 07 04 to 2022 07 07		
Posting to the web	Include		

Report contents

① The reason you joined the program

I joined ASPIRE because of the topic. The topic was about life post-pandemic, and the idea of discussion about this topic with other students from different backgrounds was very appealing to me.

② Pre-program preparations

- Have done some research about the topic but I believe that the workshop was based on information from students' backgrounds.
- Organizers sent us options of topics that we can be involved in, and we chose according to our interests.

③ Program contents, activities

- Platform : Zoom, Miro and Google Documents and PPT
- Schedule: 10:00 – 18:00 but students worked together according to their schedule
- Activities : We first had an ice breaking session, where we got to know other participants. We then attended two lectures presented by professors from KAIST, and then were distributed into groups to work on each topic, finally, we presented on the last day. Pictures were taken at the end.
- We had the opportunity to talk to other participants from other groups during the evaluation process. It was fun!
- Awards were distributed according to the evaluation and we were all awarded at the end.

④ Program participants

I am not sure of the number of participants, but I believe that we were around 15.

⑤ Any difficulties you faced during the online program

- I think the workshop went smoothly because it was just a 4-day-workshop. Therefore, we were able to accommodate to the schedule of each participant in the group.

⑥ Outcomes of your participation in the program

I got to be introduced to smart students and warm-hearted people from different countries and backgrounds. It was a very educational experience as I got to exchange knowledge and skills in this intensive-four-day-workshop.

⑦ Any advice for students who wish to participate in a similar type of online program

It is a great opportunity to participate in similar online programs. If you are hesitant about the schedule, it is best to ask for permission from your supervisor, add it to your calendar, and inform your laboratory and colleagues that you will not be available during the date of the program. This way you can give your all in the program and will get the most benefit from it as well.