



PRESENTING A PROJECT AT
LIYSF SCIENCE BAZAAR

RESOURCE PACK

LIYSF

CONTENTS

1

INTRODUCTION

2

THE BENEFITS OF PRESENTING

3

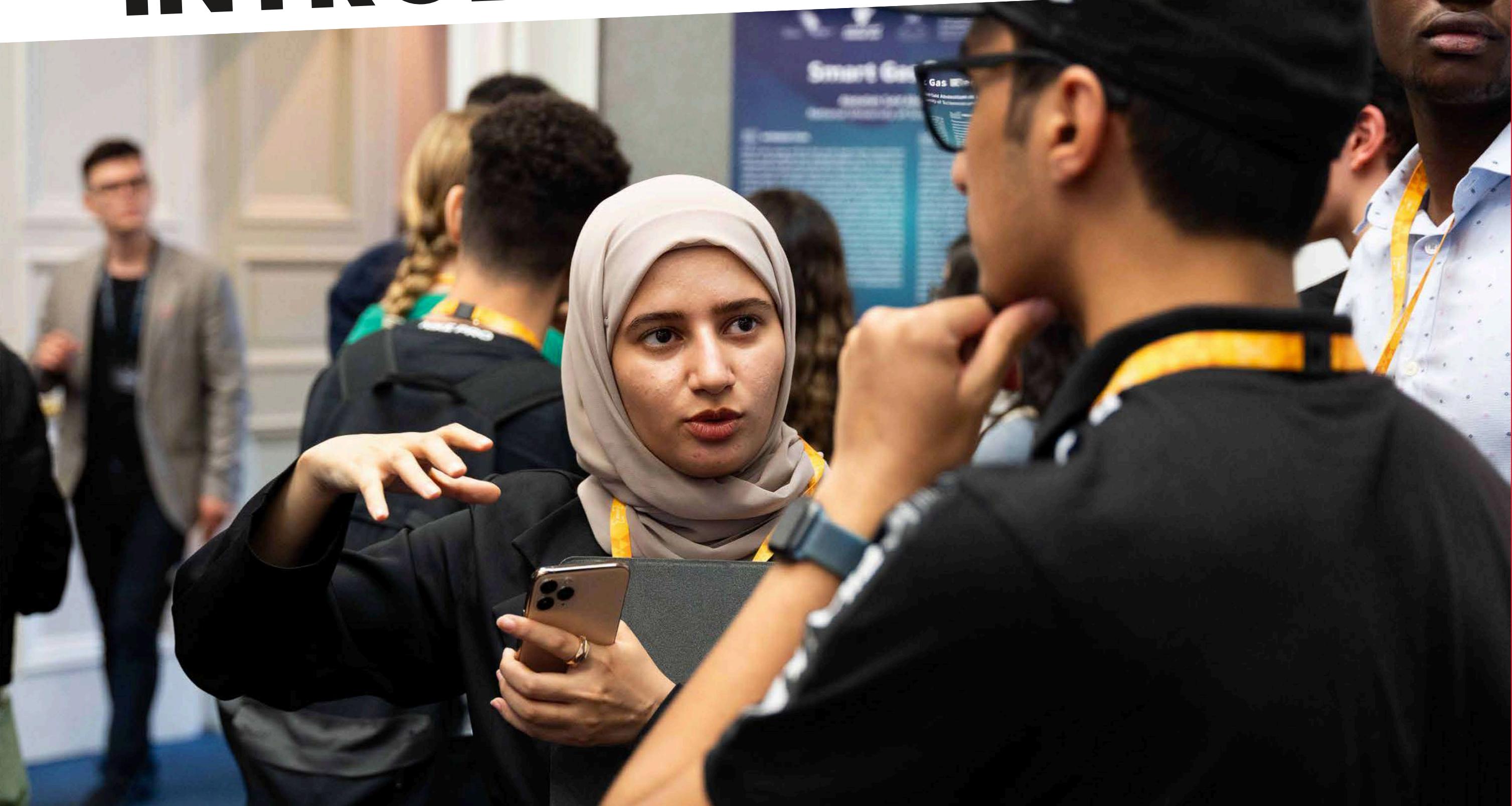
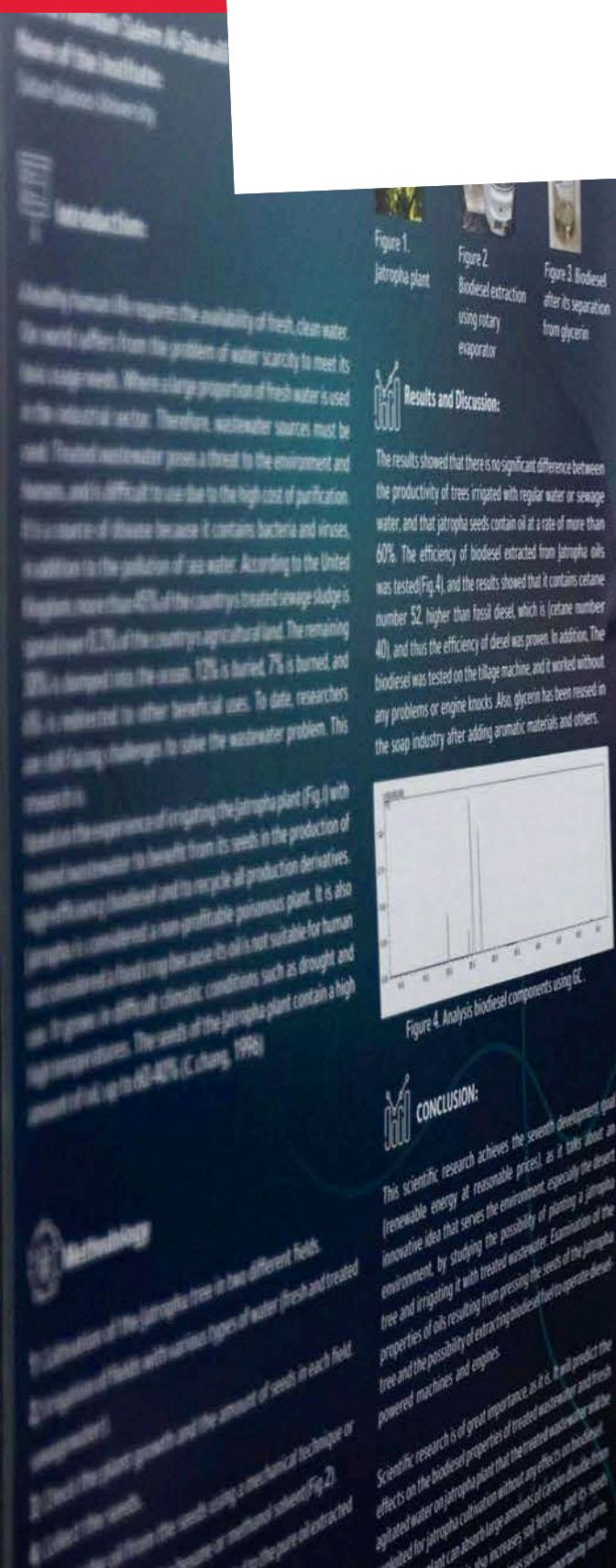
THE DO'S & THE DON'TS

4

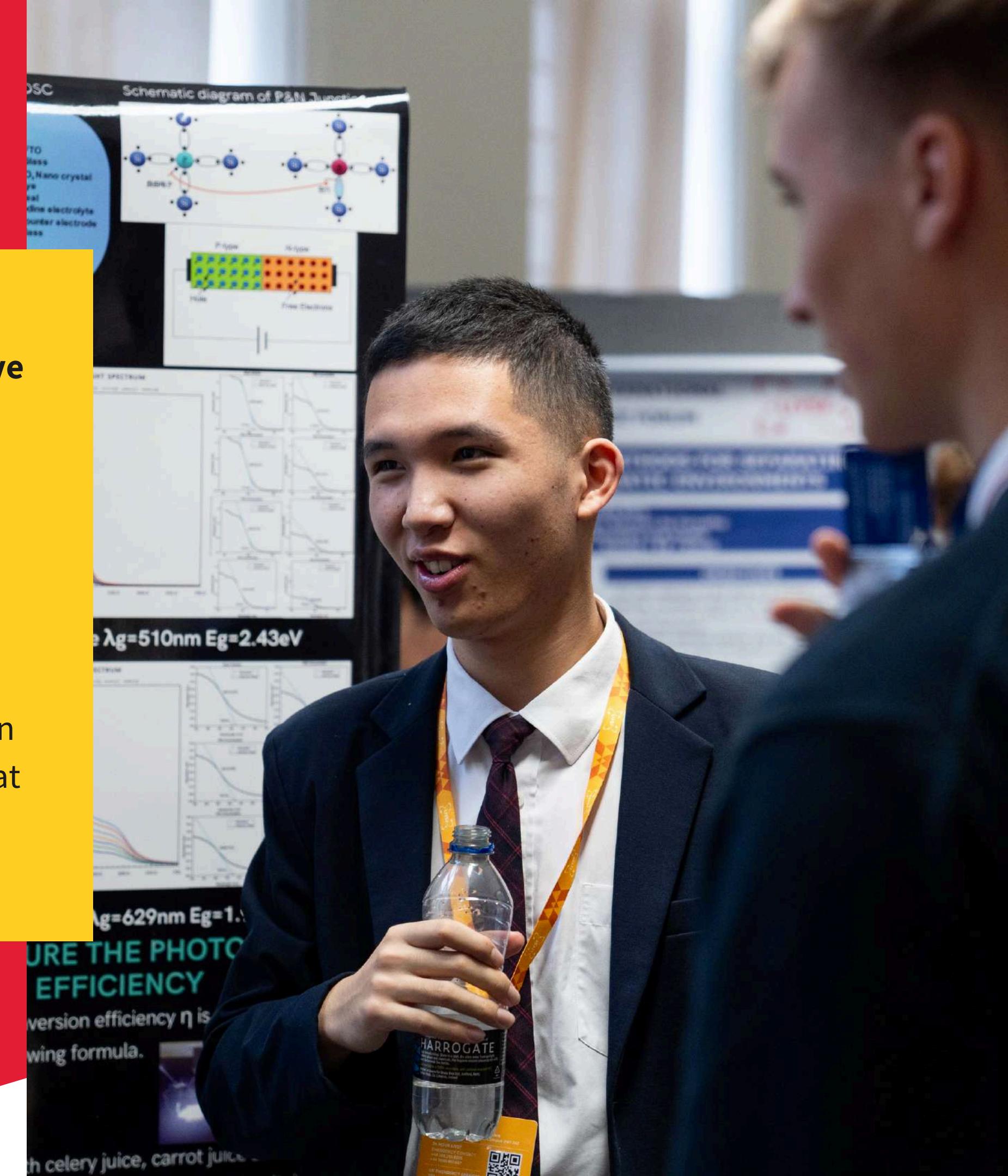
ESSENTIAL INFORMATION

THE LIYSF SCIENCE BAZAAR

INTRODUCTION

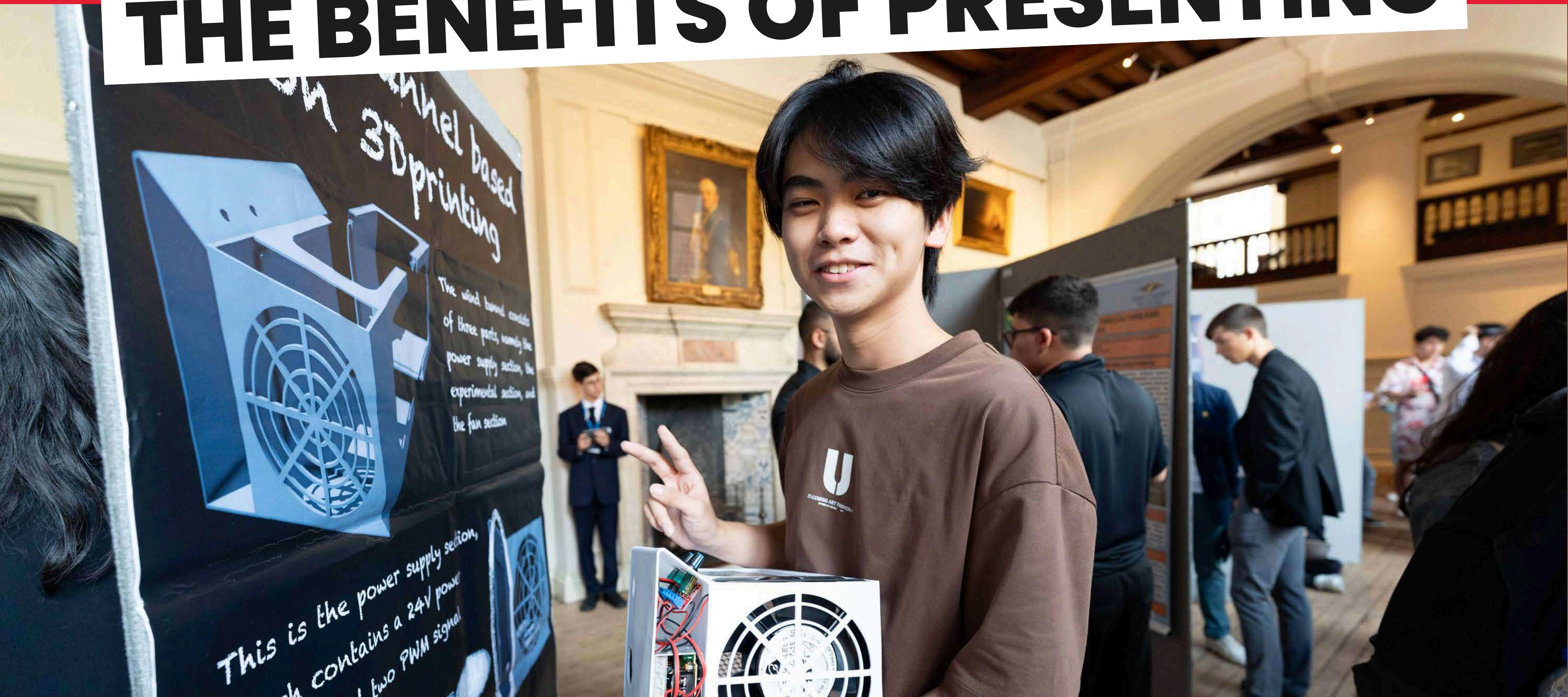


- ▶ We want you to take part in an exciting opportunity to **present your work (virtually or in-person poster) in a non-competitive environment**, to your fellow colleagues from all over the world and to our science experts.
- ▶ Presenting your work is a really great opportunity to represent your school/university, region and country with your own scientific research and **share it with the world**.
- ▶ **Communicating Science** is a vital part of being a scientist and in the modern world this is becoming very important. This is a great step in your learning and development in science communication.



THE LIYSF SCIENCE BAZAAR

THE BENEFITS OF PRESENTING



- The poster-board session is **not a competition!** This is your chance to share your research project with your fellow colleagues either in person or via our virtual platform.
- At LIYSF **the focus is on you sharing your research** and talking about it and perhaps getting new ideas and feedback. This is unique as most other fairs are based on you competing against each other.
- **Improve your presentation, analytical and thinking skills** in a friendly and supportive environment. Perhaps even gain practice in presenting in English (if English is not your native language).
- Get the chance to **present your work to experts:** professors, experienced scientists and researchers.
- **Earn recognition** with a certificate stating that you presented your research at the LIYSF Science Bazaar.



THE LIYSF SCIENCE BAZAAR

THE DO'S & THE DON'TS



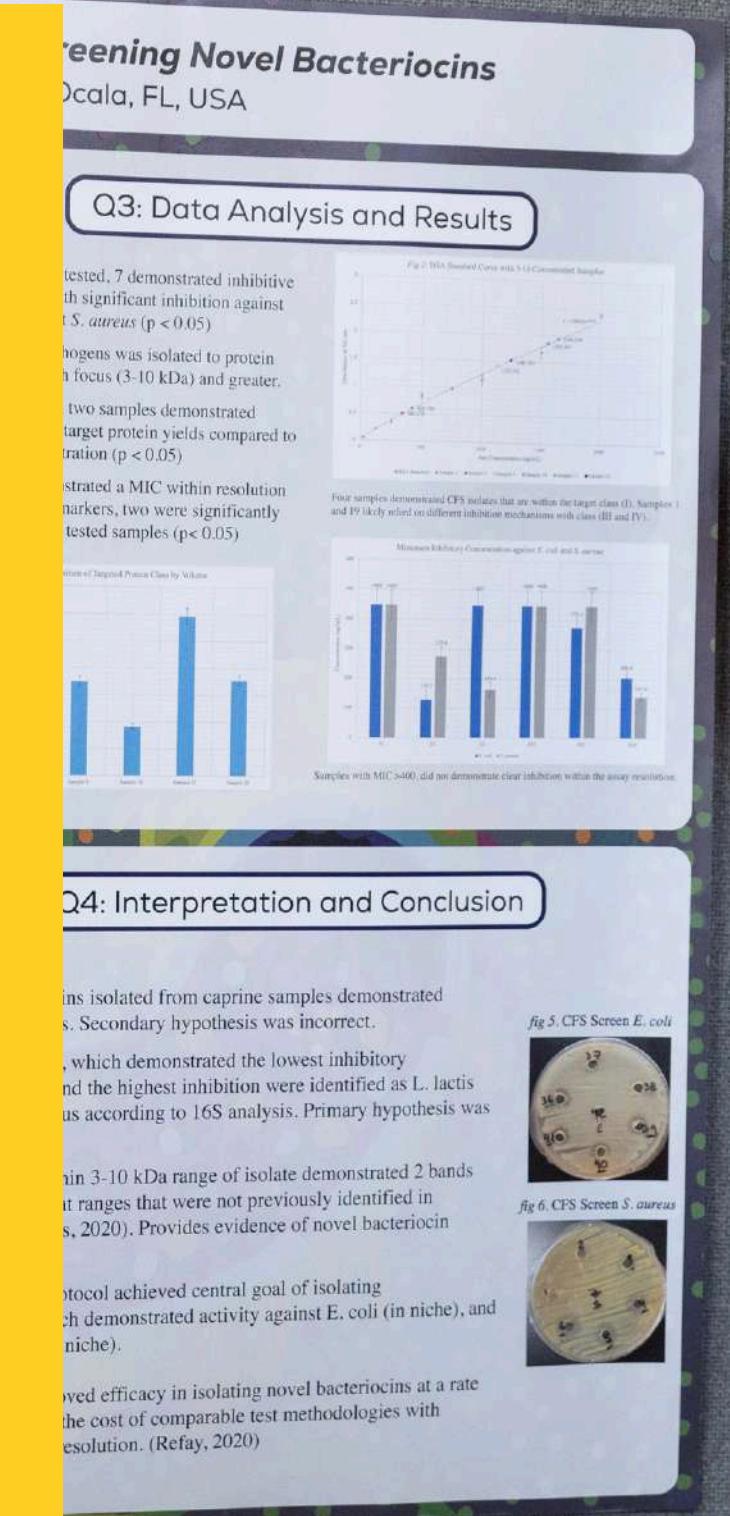
THE DO'S

- Practice how to say what you want to say in a concise and clear manner and don't rely heavily on other materials, like complicated props or demonstrations.
- Your project should be something you have personally chosen and are passionate about.
- Use your own poster(s)** to support your project and illustrate your work. Photos, graphs, diagrams, illustrations and pictures are a great way to help others understand your concepts.
- You can use a project that you have done before for a science fair or other contest if you like.
- For Virtual students:** we will ask you to record yourself showing us your presentation in your own words, so we can share it with the rest of the students. Remember it is important to quote theories and scientists of course, but what we are really interested in is your ideas.



THE DON'TS

- **Do not be shy!** We are just excited to hear about your findings.
- **Do not create a recorded documentary!** Let's keep it short and sweet. PowerPoint presentations (or similar) are not permitted for in-person presentation. The idea is to enable participants to make a presentation in their own words of a project they have personally selected and undertaken.
- **Do not forget** to say what inspired you to do the project and what you learnt from your mistakes.
- **Do not speak too quickly.** We need to be able to understand the information you are telling us.
- **Do not record yourself in a noisy place (virtual presenters).**
- **Do not worry about your best angle.** You do not have to always appear on camera, focus on your research.
- **We want to hear what you think!** Do not come with a project that has been entirely directed by a teacher. Of course you may have had help and guidance from a teacher along the way and this is totally fine.



THE LIYSF SCIENCE BAZAAR

ESSENTIAL INFORMATION

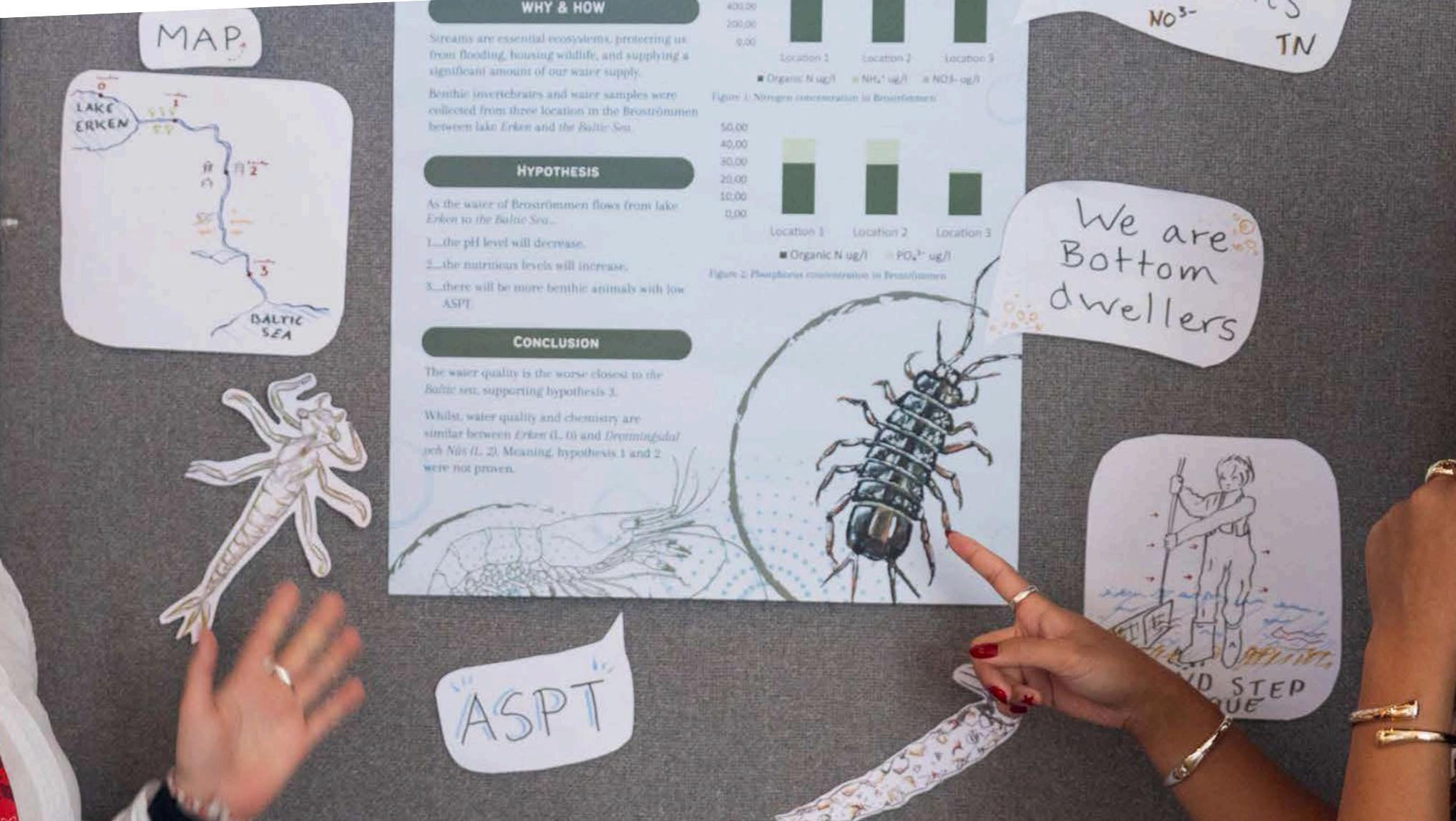
present, the density of the nuclear medicine examinations per 10,000 people is about 64 people. However, in China, the number of people who receive medicine examinations is only about 30%, which is much lower than the level in the world.

Radioisotopes can be made easily. Radioisotopes are artificially produced by exposing a target material to different chemical processes to produce different forms. Currently, the only form of radionuclides that can be used for medical purposes is ⁹⁰Y. Table 2.

United by production capacity, the China Advanced Research Reactor (CARR) can independently produce ⁹⁰Y and ¹⁷⁷Lu in small scale, while the High Flux Engineering and Technology Reactor (HFETR) can achieve ¹³¹I and ¹³⁷Cs. Other research reactors are used to produce the isotopes of medical isotopes.

Table 2: List of reactors used to produce medical isotopes.

No.	Reactor
1	China Advanced Research Reactor (CARR)
2	Swimming Pool Reactor (SPR)
3	High Flux Engineering and Technology Reactor (HFETR)
4	Minjiang Test Reactor (MJTR)
5	China Mianyang Research Reactor (CMRR)



IN-PERSON

- ▶ Each student will have their **own poster board**, that is your “stand” where you present to other participants and science experts who judge your work and give feedback.
- ▶ You should ideally present on your own, but small groups, up to 3 persons, are allowed.
- ▶ We will ask you to register and **provide the title** of your project as a first step.
- ▶ **Your stand consists of 1 poster board: 2 metres high by 1 metre wide (provided by LIYSF).** The boards fit one A0 portrait poster, or you can put several A4 and A3 posters on the board. There is Wi-Fi but no electricity at your stand.
- ▶ You might be chosen to present your work at our Student Topics Session in a lecture theatre to the full LIYSF student body, in a short 3 min on-stage presentation.
- ▶ **To present your project in person please complete the information in your profile by 1st July.**



VIRTUAL

- ▶ **Each student will have their own online exhibitor booth,** which other students and experts can visit and ask questions.
- ▶ Videos should not be more than 5 minutes long. Attach a link to the video of your presentation via, Youtube, Vimeo, DailyMotion, SlidesLive. Uploading a file from your local computer or from a cloud URL is not allowed.
- ▶ We will ask you to register and **provide the title** of your project as a first step.
- ▶ You can attach a maximum of 2 pdf handouts and/or 3 photographs (jpg or png format recommended) to show your research.
- ▶ Each student will be assigned a time slot to discuss the project with an expert.
- ▶ **For virtual projects, please contact us at virtual@liysf.org.uk for any questions!**





THE LIYSF SCIENCE BAZAAR REGISTER NOW!

In-person projects please complete the information in your profile by **1st July**.

Virtual projects please upload to your profile when we launch the app. (Around a week prior to the start of the Forum!)

LIYSF

THE LIYSF SCIENCE BAZAAR

BE A CHANGEMAKER!

LIYSF