

15th International Science Youth Forum @Singapore 2023 (ISYF)

派遣推薦チーム募集要項

- 1 目的 高校生等の研究発表能力の向上及び交流を通じた国際感覚の涵養促進
- 2 大会概要 15th International Science Youth Forum @Singapore 2023 (ISYF)
主 催 Hwa Chong Institution
開催日程 2023 年 1 月 15 日～19 日
開催地 シンガポール
詳しいスケジュールおよび内容は別紙のとおり
- 3 対 象 高校生および工業高等専門学校生（3 年生以下）
※会期中に現地で参加可能な者に限る
- 4 推薦数 1 チーム
※チームは、指導教員 1 名、生徒 2 名までの構成とする。
研究要旨に記載する氏名も大会参加の有無にかかわらず同様とする。
- 5 応募について
- 1) 応募方法
下記書類をメールにて提出
①申込用紙
②指定のひな型を使用した研究要旨（1~2 枚）※PDF 形式で提出
 - 2) 申込先 staff@gracon.jp
※必ず教員をとおして申し込んでください。
※申し込みする教員 1 名につき応募は 1 チームまでとします。
 - 3) 応募締切 2022 年 11 月 8 日（火）16:00
- 6 選考方法 エントリーのあったすべてのチームを対象に、提出された研究要旨をもとに審査を行い選考する。選考により選出された上位 1 チームを派遣推薦候補とする。なお、推薦候補が参加を辞退した場合は、次点のチームを推薦候補とする。
- 7 結果通知 2022 年 11 月 14 日（月）までに通知
- 8 支援について
- 1) 下記のとおりグラコン事務局が支援する
 - ① 渡航費
対 象：4 で定めた者
区 間：発着する最寄り国際空港までの国内移動費並びに航空運賃
金 額：1 名あたり下記を上限とし、実際にかかった費用を補助
■シンガポール 70,000 円
 - ② サイエンスフェアの定める参加登録費は、すべてグラコン事務局が負担する。

- ③ オンライン開催の場合は、サイエンスフェア主催者より必要とされた費用のみ補助する。参加にかかる通信費や、機材等への補助は行わない。

2) 精算について

- ① 渡航費は各チームにて立替払いののち、領収書または航空機予約表など金額・日付・搭乗者等の確認できる書類ならびに精算依頼書の提出をうけ精算する。
- ② 参加登録費は事務局から負担とするが、参加者からの登録費支払いとなる場合は、立替払いののち精算依頼書の提出をうけ精算する。
- ③ 支援金の振込先は申請者もしくは派遣チームの所属する高等学校等のいずれでも可とする。
- ④ 申請は教員からのみとする。

9 その他

- 1) 推薦が決定したチームはグラコン事務局からの案内にそって、エントリーなど必要な手続きを各自で行うこと
- 2) 大会への参加終了後は、事務局が指定する期間内に参加報告書を提出すること
- 3) 他コンテスト等での重複発表及び受賞歴は下記のとおり取り扱う
 - ① 同一年度であれば重複発表は問題ありませんが、前年度以前の発表と同じ内容の発表は不可とする。
 - ② 他コンテストにおける受賞歴は問わない。
- 4) 先に募集した TISF への推薦に応募したチームも、別にエントリーすること
- 5) TISF への派遣推薦が決定したチームは、本選考の対象外とする
- 6) 渡航に際して、シンガポールの入国制限・行動制限の措置および日本帰国時の入国規制等があることをよく確認のうえ応募し、各自で必要な対応をすること

10 問い合わせ先

高校化学グランドコンテスト事務局

〒558-8585 大阪市住吉区杉本 3-3-138 (大阪公立大学社会連携課内)

TEL : 06-6605-3504 E-mail : staff@gracon.jp



APPENDIX: INFORMATION SHEET

15th International Science Youth Forum @ Singapore 2023

1. Objectives

ISYF hopes to benefit not only students, but also Science educators. It is a rare and valuable platform for eminent scientists to interact and share ideas with young budding science and mathematics talents. The following are its key objectives:

- a. Inspire Passion for Science Research amongst Youth. *ISYF aims to provide high-ability students with ample opportunities to share and discuss their interest in science and science research. They will be exposed to many fields of science which will broaden their outlook and understanding of the scientific world. Eminent scientists will inspire them through stories of their own life experiences and scientific discoveries. These interactions are helpful for the youths especially when they are considering pursuing science as a meaningful and fulfilling endeavour.*
- b. Establish Co-operation and Friendship amongst Young Science Talents. *Students will have many opportunities to interact in different cross-cultural groups and form strong bonds with each other throughout the Forum. Activities are designed to promote mutual cooperation, understanding and appreciation of each other's diverse culture yet sharing a common passion in science and research.*
- c. Build Capacities of Science Educators. *Through professional sharing and discussions among science educators, ISYF helps build the competencies of teachers who are navigating an evolving education landscape. It will also serve as a valuable opportunity for schools to establish and develop close ties with one another and to explore the possibility of future collaborations.*

2. Selection Criteria for the Two Students

Given the intellectual rigour of the programme, where students will interact with scientists through Masterclasses and share their own research experience, the Forum targets top Science students from schools all over the world. To ensure that delegates benefit fully from the experience, the **two** Science students representing your school should

- a. Be between 16 and 17 years of age in 2023;
- b. Be within the top tier of their respective Science cohorts;
- c. Have substantial experience in science research or competitions;
- d. Possess good oral proficiency in English;
- e. Possess enthusiasm and strong interest in forging ties with fellow students from all over the world;



3. Selection Criteria for the Educator

In addition to the core activities of the Forum, the educator will have opportunities to share, interact with and learn from fellow educators. He/she should be an educator in Science in your school, and should possess the ability to cascade the learning points to other educators in your school. Educators are expected to participate in all the activities in the Educator's Programme for the whole duration of ISYF and these will include many students' activities too

To ensure that the educator benefits fully from the experience, the educator should:

- a. Possess good oral proficiency in English;
- b. Possess enthusiasm and strong interest in forging ties with fellow educators;

4. Time Frame

- a. The event is scheduled to be held from **15 to 19 January 2023**.
- b. Check-in time at the Hwa Chong Institution Boarding School is on **Saturday, 14 January 2023 from 0600 h to 1600 h**. The students and accompanying educator should arrive on **Saturday, 14 January 2023 at Singapore Changi Airport between 0100 h and 1500 h**. They will be received by student facilitators at the airport and transferred to the Boarding School at which they reside.
- c. The students and accompanying teacher should arrange flights back home **between Thursday, 19 January 2000 h and Friday, 20 January 1900 h**. They will be transported from the Boarding School to Singapore Changi Airport. The Check-out time at the Boarding School is by **Friday, 20 January 2023, 0800 h**.
- d. The costs of additional nights of stay are to be borne by the students/educator. Payment for additional nights of stay is to be made in cash in Singapore dollars.
- e. There will be a briefing for students and educators at the Boarding School on **Saturday, 14 January 2023, 1900 h**. The programme for educators will begin on **Sunday, 15 January 2023**.

5. Cost

- a. All international participants (students and educator) have to pay for their own passage to and from Singapore and other personal expenses. We encourage all international participants to purchase travel insurance prior to the trip.
- b. Expenses related to the Forum will be borne by our sponsors. This should cover the costs of accommodation, meals, transport and Forum materials.

6. Covid-19 related measures

- a. Prevalent Covid-19 local safety measures and regulations will apply. All Covid-19 related expenses will be borne by the participants.
- b. We encourage all international participants to purchase insurance that covers Covid-19 related expenses.



7. Programme Highlights for Students

Pre-Event:

- **Poster Exhibition.** Every school is encouraged to submit one poster on a completed science research project. All posters will be displayed at the Poster Exhibition Session during the Forum.

During the Event:

- As this is a residential forum, all students will board at the Hwa Chong Institution Boarding School throughout the Forum.
- **Interaction with Nobel Laureates and/or Eminent Scientists.** Students will participate in the Masterclasses and Focused Dialogues and have opportunities to interact closely with Nobel Laureates and/or eminent scientists.
- **Poster Exhibition.** Students will showcase their research and view the research done by their peers at the Poster Exhibition Session.
- **Team Project Challenge.** Student participants will work in groups to solve a problem or construct a proto-type using their knowledge of maths and science and their hands-on skills. The projects will be presented to and judged by scientists in a friendly competition.
- **Social Programme.** Students will participate in visits to places of interest in Singapore.

Post-Event:

- Students will share their learning and experiences with schoolmates upon their return.
- Students will be encouraged to maintain ties with other participants after the Forum.

8. Programme Highlights for Educators

Pre-Event:

- **Sharing on Science Education.** The educator is encouraged to prepare a short abstract presenting research findings on Science education. (Sharing by educator is optional)

During the Event:

- **Interaction with Nobel Laureates and/or Eminent Scientists.** Educators will be engaged in Masterclasses and Focused Dialogues with Nobel Laureates and/or eminent scientists on pedagogical and teaching ideas.
- **Sharing on Science Education.** Educators can present their professional findings at a forum for discussion and sharing among Science teachers. This platform will allow teachers to interact and network with peers from different countries.
- Educators can draft plans/ideas to be implemented in their schools, based on their learning points at the Forum.



- **Social Programme.** Educators will participate in visits to places of interest in Singapore. Local educators will be approached to assist as guides to the overseas educators during these visits.

Post-Event:

- Educators will share their learning points and insights with others.
- Educators are encouraged to implement their plans/ideas in their schools.

9. Research Poster Exhibition

We would like to invite your students to put up a poster of their science or mathematics project at the Poster Exhibition after the Nobel Grand Ceremony on **18 Jan 2023 (Wednesday)**. It can be a project which was presented at another event or competition; we do not require students to undertake a new project for this event. Please note the following:

- The poster should be **printed on a single sheet of A0-sized paper (841mm by 1189mm or 33.1 by 46.8 in) with matt finishing. It should be in portrait setup, with your school name, country and project title indicated at the top.**
- **Please bring the hardcopy poster, as well as a softcopy for backup. The hardcopy should be in soft back (please see right).**



Reply Form

Please complete the reply form by **4 November 2022** using this link:

<https://go.gov.sg/isyf2023replyove>

Information Form

Please complete the information form by **18 November 2022** using this link:

<https://go.gov.sg/isyf2023infoove>