



# International Young Physicists' Tournament IYPT



We, the organization stated below, hereby file an

## Application for Recognition as an IYPT Member Organization (IMO)

in accordance with Article 7, Section 1 of the Statutes of the IYPT.

<b>Name of Organization:</b>	Brisbane Girls Grammar School
<b>Legal Type of Organization:</b> (e.g. school, university, association (NGO), ...)	School
<b>Registration details:</b>	
<b>Full Address:</b> (including country)	Brisbane Girls Grammar School Gregory Terrace, Spring Hill Brisbane Queensland 4000, Australia
<b>Email Address:</b>	aallinson@bggs.qld.edu.au
<b>Organisation website:</b>	www.bggs.qld.edu.au
<b>Tournament website:</b>	www.iyptaustralia.org

To comply with the regulation that applications for IMO status can only be made by someone who has participated in one of 5 most recent IYPTs (either as an observer, team or guest team member, team leader, or juror). This person commits to act as a team leader of the team participating at IYPT on behalf of this IMO. This person can be changed by the IMO at any time to another person fulfilling the qualification criteria.

<b>Name:</b>	Gideon Choo
<b>Email Address:</b>	gideon.choo@carey.wa.edu.au
<b>Last participated IYPT in year:</b>	2018
<b>Last participated IYPT as:</b> (observer, team member, team leader, or juror)	Juror

We declare that we will respect and comply with the Statutes and the Regulations of IYPT. In particular, we agree to implement an IYPT qualification procedure, which shall be open to all students/teams from the country we represent. This qualification procedure shall be organized as a non-profit event. We annex a brief description of the selection procedure performed in our country.

In case our application is accepted, we nominate the following person to represent us in the International Organizing Committee (IOC), until further notice. Changes in our IOC representative will be announced (in due time) to the President of IYPT in writing.

<b>Name:</b>	Gideon Choo
<b>Email Address:</b>	gideon.choo@carey.wa.edu.au

We give explicit consent to publish the contact details of our organization and our designated IOC representative on the IYPT website.

Date and Place: 20/05/24 Brisbane Australia

Name and Position (e.g. President, Secretary General, ...) of the person authorized to sign this application on behalf of the organization:

Mr Alan Allinson, Honorary President IYPT, Head of Physics

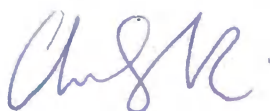
Signature of authorized person on behalf of organization:



Signature of person who participated IYPT before and will act as the team leader:



Signature of designated IOC representative:



Annex: *Brief description of the selection procedure*

## Appendix: IYPT Australia Qualifying Process

The Australian qualification process has required various adaptations since 2019 due to firstly the Covid situation through to 2022 and then our inability to travel to the host in nation in 2023. The qualifying process went online and did lead to teams from Australia competing in the Online Young Physicists' Tournaments in 2022 and 2023. These teams included students from five Australian States. The online process has led to the selection of an Australian Team that will travel to Hungary and rejoin IYPT in 2024.

The process will continue to be managed by the IMO of Brisbane Girls Grammar School in Queensland and represented at IYPT by the IOC representative from Carey Baptist College in Western Australia, showing the event is open to schools across Australia.

### IYPT Australia 2025

The qualification process for IYPT 2025 returns to an in-person competition for schools from around Australia initially hosted by the IMO of Brisbane Girls Grammar School in Queensland, although it may be held in other schools around the country in future years.

Each school is allowed to enter one or two teams into the IYPT Australia Challenge. Each team will contain two students who will nominate four of the seventeen problems they are willing to present. If a school enters two teams, they are required to have no common nominated problems.

The size of the team is small to open the competition to schools with large or small populations of physics students.

IYPT Australia 2025 will be held over a weekend in February or March 2025.

Each team will participate in **three rounds** of abbreviated Physics Fights (Reporter vs Opponent with challenges based on the four nominated problems). A team is allowed one rejection and both problems presented in any physics fight must be different. The scoring will follow IYPT timings adjusted to the two-team structure. The reporter will receive a grade out of 10 and multiplied by 3, the opponent will receive a grade out of 10 and multiplied by 2.

The top three teams after three physics fights will progress to the final round and compete in a traditional Physics Fight featuring the reporter, opponent and reviewer roles with their own selected problems. The problems for presentation are selected in order of the placings after the three rounds, first place has first choice, second place has second choice, and third place has third choice. All problems must be different. (If two teams are tied for third after the three rounds, the observer role may be introduced to the final). It is possible for two teams from the same school to compete in the final.

The top two teams based on their scores from the final will form the Australian Team and be joined by a selected outstanding individual from any other team in the competition.

## **IYPT Australia Possible structure:**

### **Friday evening:**

5:00 pm Welcome evening event to meet all teams and check equipment

### **Saturday:**

9:00 am Round 1

11:15 am Round 2

1:30 pm Lunch

2:15 pm Round 3

5:00 pm Finalists announced and problems selected for final.

6:00 pm

### **Sunday:**

8:00 am possible playoffs for teams 4 and 5, 6 and 7, 8 and 9

### **11:00 am Final Round**

3:30 pm Results

### **Contacts:**

Mr Alan Allinson  
IYPT Australia Organiser  
Brisbane Girls Grammar School, QLD  
[aallinson@bggs.qld.edu.au](mailto:aallinson@bggs.qld.edu.au)

Mr Gideon Choo  
IYPT IOC Member Australia  
Carey Baptist College, WA  
[gideon.choo@carey.wa.edu.au](mailto:gideon.choo@carey.wa.edu.au)