

# 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.

Name of Organization:	IYPT New Zealand
Legal Type of Organization: (e.g. school, university, association (NGO),)	IRD registered not for profit organisation
Registration details:	Not for profit organisation
Full Address: (including country)	IYPT New Zealand Auckland Grammar School c/o Gavin Jennings, Private Bag 99930, Newmarket, Auckland 1149, New Zealand
Email Address:	Chairman contact g.jennings@ags.school.nz
Organisation website:	https://iypt.org.nz
Tournament website:	NZ tournament details on <a href="https://iypt.org.nz">https://iypt.org.nz</a>

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.

Name:	Gavin Jennings
Email Address:	g.jennings@ags.school.nz
Last participated IYPT in year:	Poland 2019
Last participated IYPT as: (observer, team member, team leader, or juror)	IOC representative for New Zealand / 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.

Name:	Gavin Jennings
Email Address:	g.jennings@ags.school.nz

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

Date and Place: ...Friday July 8th 2022 , Auckland Grammar School, New Zealand

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

Chairman of IYPT New Zealand: Gavin Jennings

Signature of authorized person on behalf of organization:

A.C. Hennings

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

Ci) Fennings

Signature of designated IOC representative:

Annex: Brief description of the selection procedure

Each year the New Zealand Young Physicists' Tournament (NZYPT) - a competition for students attending New Zealand secondary schools – is run by IYPT New Zealand.

The IYPT NZ board meets after the 17 international problems for IYPT have been chosen and selects 7 of these problems for the NZYPT competition. The New Zealand competition NZYPT uses a subset of problems selected so as to make the competition more accessible for the apparatus most high schools would have available.

Full details of the NZYPT problems and instructions on how schools or individuals can enter the NZYPT are given on the <a href="http://iypt.org.nz/">http://iypt.org.nz/</a> website. This information is advertised to schools throughout New Zealand by professional teaching organisations.

#### **NZYPT** competition structure

#### NZYPT Regional tournaments

There are 3 regional tournaments for school teams of 3 students per team in May each year using 7 of the 17 IYPT problems. The tournaments are held in the three biggest population centres Auckland, Wellington and Christchurch. In the regional tournament the Physics fights consist of a Reporter and an Opponent only - scored as in the IYPT.

#### NZYPT National tournament

The top school teams from each of the regional tournaments compete two weeks later in the New Zealand Young Physicists' Tournament National final in either a face to face competition OR Online via Zoom. The physical venue rotates between the regional centres.

In the national final of NZYPT the Physics fights consist of a Reporter an Opponent and a Reviewer. These fights are scored as in the IYPT.

#### IYPT selection for the New Zealand Team

Individual students from anywhere in New Zealand are invited to submit a 12 minute video presentation to a solution for one of the 7 NZYPT problems. The top 10 (approximately) students are selected by interview from the total of the entries. These students are given a second problem to research and submit another 12 minute video presentation. After another interview via judging panel the top 5 students for the New Zealand Team are selected for the IYPT team to represent New Zealand.

## Summary

#### **NZYPT Inter-School team NZ Team selection for IYPT** SCHOOL TEAM ENTRY INDIVIDUAL ENTRY 1 teacher and 3 students Choose 1 of the 7 problems **Choose Problems** (ideally at least 5 from 7) Individual enters competition Teacher enters team into Investigate the problem and submit 12 minute video regional tournament Team investigates problems & practices "Physics fights" Video entries evaluated by judges Qualifying students Attend regional tournament allocated 2<sup>nd</sup> problem and compete! Investigate 2<sup>nd</sup> problem and Present to judges via Zoom Top regional teams compete in National Tournament via Zoom New Zealand Representative Team of 5 students selected Team prepares for and

competes in International
Tournament

End.