



# 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:	Parklands College
Legal Type of Organization: (e.g. school, university, association (NGO), ...)	High School
Registration details:	
Full Address: (including country)	1 College Avenue, Sandown, 7441, Cape Town, South Africa
Email Address:	ssteyn@parklands.co.za (Principal)
Organisation website:	www.parklands.co.za
Tournament website:	N/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:	Mr Dan Duffield
Email Address:	dduffield@parklands.co.za
Last participated IYPT in year:	2022
Last participated IYPT as: (observer, team member, team leader, or juror)	Team Leader + 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:	Don Duffield
Email Address:	dduffield@parklands.co.za

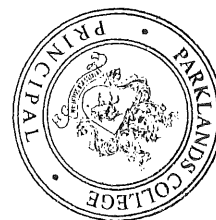
We give explicit consent to publish the contact details of our organization and our designated IOC representative on the IYPT website.

Date and Place: 26/05/2025

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

Sylvia Steyn, Principal: Steyn

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

As of yet we do not have a national tournament. We don't have funding. So, we are reliant on parents of talented student to fund the team's participation. We do run selection interviews in selecting the team.

## SELECTION PROCEDURE – IYPT SOUTH AFRICA:

- At present, the team we are sending to the IYPT is a **“Team from South Africa”** as opposed to a **“South African Representative Team”**. We make this distinction since South Africa currently does not have a national competition structure for selecting IYPT participants. National science competitions in South Africa are organised by ASTEMI (<http://www.astemi.co.za>), which is not willing to provide any funding for such a structure at present as they are already running a multitude of science and technology-focused competitions. As a result, we have to initiate participation in a private capacity with a long-term objective to expand the effort nationally.
- At present our team comprises of 5 senior Physics students from Parklands College, an independent high school in Cape Town, South Africa (<http://www.parklands.co.za/>) and St John’s College, an independent high school in Johannesburg (<http://www.stjohnscollege.co.za>). I am currently the Head of Parklands College’s Science Technology Aerospace and Robotics (STAR) Program and Dr Alistair Douglas is a professional Physicist and a Senior Physical Sciences teacher at St John’s College.
- We are selecting our team based on the following criteria:
  - The academic merit of our students in the Physical Science subject offering.
  - The merit of our senior students in the National Science Fair (<https://www.exposcience.co.za/>).
  - The merit of their performance in their Senior Science Research Project in Grade 11 at Parklands College.
  - The merit of their solutions to the officially published IYPT problems which are assessed in one on one interviews with our selection panel which consists of Alistair Douglas, Frank Smuts (a PhD student in Applied Mathematics at UCT and former GYPT participant) and Don Duffield.
- Using the two schools as IYPT centres in Johannesburg and Cape Town, we plan to grow IYPT in South Africa to other schools and set up a formal ZAYPT (ZA = Zuid Afrika “.co.za” is our official ending for emails and websites in South Africa) in the next few years.

Yours truly,  
Don Duffield & Alistair Douglas



## PARKLANDS COLLEGE

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Website:  
www.parklands.co.za



Christopher Robin  
Pre-Primary  
(Est. 1980)

Roth Educational Services (Pty) Ltd T/A Parklands College & Christopher Robin Pre-Primary  
Reg. No. 1998/025221/07

Directors: B D Tilney (Chairman), H L Roth\* (British) (Managing Director), B Moore, A C Pillay, A Ray (Danish),  
W P Roth\* (Swiss) (Alt. R I D Knaggs) (\*Exec)