



# International Young Physicists' Tournament 2022

## The Tournament

The IYPT, also referred to as '*Physics World Cup*', is a team-oriented international scientific competition among teams of secondary school students. During the Tournament the teams compete in extremely exciting '*Physics Fights*', where they need to present their solutions to complicated problems in a convincing way and to defend them in scientific discussions. In July 2022 the event will take place in *Temesvár, Romania*.



The *silver medalist Hungarian team* at IYPT 2021 in Kutaisi, Georgia. During the months spent together at the University lab and in the training camps they did not only learn a fair amount of physics, but also became a real team. This is what makes IYPT exceptional: great experiences with a lot of fun and emotions.



Explain how stable a *tennis ball tower* is, figure out how fast you need to rotate a stick to prevent *honey* from dripping, investigate how *drums* make a sound, understand how lenticular lenses can create the illusion of *invisibility* or pick another problem from the 17 listed for IYPT 2022.

## The Hungarian Team

The national teams consist of five students. To become a team member one must participate at the Hungarian Young Physicists' Tournament (HYPT) in December 2021. Participation at both Tournaments is free of charge.

We are looking for *individual applicants of age 16 and above* who:

- Like physics and performing real experiments
- Speak decent English
- Have good presentation and teamwork skills
- Like travelling
- Are willing to spend time on real scientific work

**The application deadline is 9 November 2021!**

## Got Interested?

- Visit the new HYPT webpage for plenty of information about the Tournament, for the problems of the 2022 Tournament and for details of the application procedure
- Browse our facebook site to get an insight into the daily life of an IYPT team member
- Check the Media section of the HYPT webpage to find TV reports and online articles about our success at the IYPT 2017, where the Hungarian team won a gold medal
- Should you have any questions feel free to contact us (see details below), and of course, don't forget to apply 😊

IYPT is about *real science*, where you will learn how physics actually works: you will start with *experiments* and then develop a suitable *theory*. In addition, you will become an *exceptional presenter* by learning how to *attract attention* and *deliver convincing arguments* to your audience and fellow scientists.

We are looking forward to hearing from you!

## CONTACTS

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