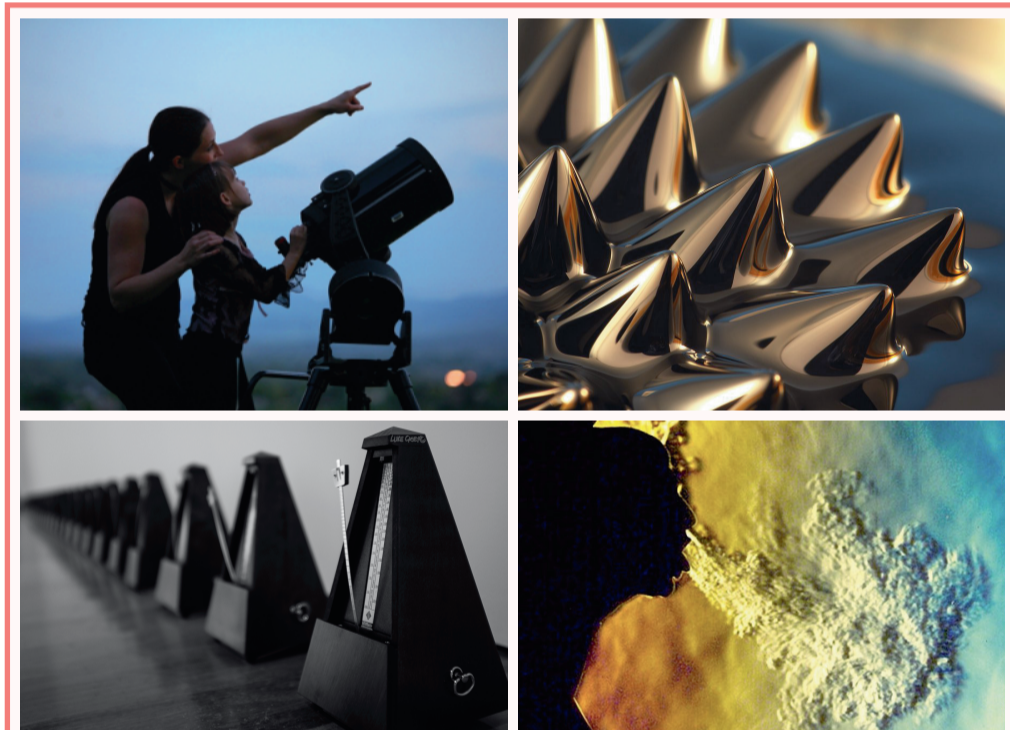


International Young Physicists' Tournament 2017

The Tournament

The IYPT, sometimes also referred to as 'Physics World Cup', is a team-oriented international scientific competition among teams of secondary school students. The Tournament has grown since its establishment in 1988 into one of the World's largest and most prestigious international physics contests with nations from all regions of the World competing annually. In July 2017 the event will be held in Singapore.

Construct a **vacuum bazooka**, study how **wine glasses resonate**, develop **physics of spiral waves**, investigate a **magnetic landscape** or pick another one from the interesting problems of the 2017 Tournament and investigate it! It will be fun



Build a **single lens telescope**, study the shape of a **ferrofluid**, figure out why **metronomes synchronise** under specific conditions or visualise tiny density fluctuations of air using **Schlieren photography**

The Hungarian Team

The national teams consist of five students. During the Tournament the teams compete in 'Physics Fights', where they need to prove their ability to solve complicated scientific problems, to present solutions to these problems in a convincing way and to defend them in scientific discussions. Our team members will be selected during the Hungarian Young Physicists' Tournament (HYPT). Participation at both Tournaments is free of charge.

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

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

Got Interested?

- Browse our facebook site to get an insight into the daily life of an IYPT team member
- Look up the IYPT website and get familiar with the problems of the 2017 Tournament
- Read the recent KöMaL, index.hu, mno.hu, szertar.com, etc. articles about our success at the IYPT2016, where the Hungarian team won a silver medal
- Visit our lab at the Eötvös University on our **open day** on **15th October 2016**
- Consult the HYPT webpage for details on the application procedure and, of course, don't forget to apply

The application deadline is 24 October 2016!

In 2015 Hungarian Team won a **bronze medal** in Thailand followed by a **silver** in 2016, Russia. If you see the pattern, join us in our quest for a gold medal!

We are looking forward to hearing from you!

CONTACTS

<http://iypt.org/>, <http://hypt.elte.hu/>, <http://www.facebook.com/hypt.elte.hu/>
 Email: email.hypt@gmail.com
 Organizers: Mihály Hömöstrei (German Nationality High School, Eötvös U),
 Péter Jenei (Eötvös U),
 Péter Dusan Ispánovity (Eötvös U)



MOL NYRT.



EMBERI ERŐFORRÁSOK
MINISZTERIUMA



MVM PAKSI
ATOMERŐMŰ ZRT.



EÖTVÖS LORÁND
TUDOMÁNYEGYETEM
TERMÉSZETTUDOMÁNYI KAR



EÖTVÖS LORÁND
FIZIKAI TÁRSULAT