

FOUNDATION

Our Young Minds Section was founded on 21th October, 2014 by a handful of enthusiastic graduate and postgraduate students, who learn at ELTE or BME to be physicist or high school physics teachers. The Inaugural General Assembly was held by 10 full and 9 junior members.

Our main objectives are to promote awareness of physical research and applications, and to serve as a forum between students, faculty and administration on local, national and international level. We want to establish interaction between students and young researchers, peer Young Minds Sections and the European Physical Society, and develop education and outreach programs for secondary school students. We also aim to broaden the member's insight into postgraduate opportunities.

ACTIVITIES

Physics for Everyone - 18th April, 2015

We were the main organisers at the main event of the nationwide science program of the Roland Eötvös Physical Society (ELFT, the Hungarian member of EPS). The idea of the event comes from József Cserti, our Faculty Advisor and Vice President of ELFT. The main goal was to create a day for physics in Hungary, when everything revolves around how physics is part of our everyday lives and how it makes the world around us better and more interesting.

At the Eötvös Loránd University we organised various lectures, and interactive experiments, where everyone could try, feel, look and play. There were three 30 minute long easily understandable and entertaining scientific lectures. The lectures were presented by renewed scientists with topics from the most novel and interesting research areas, such as space, astronomy, biophysics and quantum physics. During the whole afternoon and evening (for several hours) there were five thematic demonstration stands with over a 100 different experiments (the five themes are: thermodynamics, electromagnetism, modern physics, mechanics and a darkroom for optical experiments). The participants will be able to try out most of the non-dangerous experiments themselves, and some of them will be even easily reproducible at home. The Wigner Research Centre for Physics (an institut of the Hungarian Academy of Sciences) provided their moving laboratory bus.



The participants were families, teenagers and younger children. Our work was covered by the national television of Hungary.



University Festival – 5-8th May, 2015

Some of our members showed interesting experiments for the students participating the biggest free university festival at Budapest. They used mostly cheap and beer-themed experiments for the crowd.

The Light Seminar and Career Day – 8th May, 2015

We organised the first physics career day and seminar to broaden the insight of our members in non-academic opportunities. We invited leaders and representatives of various prestigious research companies and institutes like Morgan-Stanley, ELI-ALPS and Mediso Medical Imaging Systems.

There were approximately 20 students. The feedback is exceptionally positive from both sides, so we definitely want to make this event annually and invite more companies.



PLANS

Conference for Physics PhD Students – 11-14th July, 2015

The DOFFI Conference aims to give Physics PhD students from Hungary a chance to present their research and in return, gain an insight about the work being carried out by fellow students. Through a relaxed and friendly environment, it will also give attendees a chance to network with academics and students to create and strengthen professional relationships. The three-day event will be split into sessions which will be chaired by top Hungarian academics in the field. Students who wish to present during the sessions will have the opportunity to receive feedback from an assigned discussant and the audience. We would like to organise forum discussions on issues affecting the physicist community. We hope that the participant will learn a lot, and will be able to get to know each other. The main organiser of the event is ELFT.

Webpage Of Possibilities

We would like to design a useful online postdoc and phd grant search application, where the young researchers and supervisors able to find each other.

Street Science

We would like to organise Flashmob events in Budapest to promote the beauty of physics.

COOPERATIONS

Roland Eötvös Physical Society
Hungarian Association of Physics Students
Hungarian Natural History Museum
ELTE TTK Natural History Museum



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