NATIONAL RESEARCH, DEVELOPMENT AND INNOVATION OFFICE HUNGARY
PROGRAM FINANCED FROM THE NRDI FUND

Budapest, November 24, 2019

Results of the Eötvös 100 Commemorative Competition

On November 23, the Ceremonial Hall of the Hungarian Academy of Sciences, venue of the World Science Forum, was occupied by Hungarian high school students who arrived to the finals of the Roland Eötvös Commemorative Competition. As a result of online rounds (in physics, geophysics, history, literature etc.), 14 teams entered the Budapest finals, where they first had to answer written questions, then carried a physical experiment (on the surface tension of liquids), and finally gave a short (3 min long) presentation on their skills as a lecturer. Results:

1. *Trivialisch* (Zrínyi Miklós Gimnázium, Zalaegerszeg)
2. *bar-ohm-fi* (Bethlen Gábor Református Gimnázium, Hódmezővásárhely)
3. *Toltelek* (Katona József Gimnázium, Kecskemét)
4. *FifikusFizikusok* (Talentum Tehetség Műhely, Győr)
5. *Rettenthetetlen4keszeg* (Boldog Brenner János Általános Iskola, Gimnázium és Kollégium, Szombathely)
6. *VAG-on* (Vámbéry Ármin Gimnázium, Dunaszerdahely/Dunajská Streda, SK)
7. *Farkasfalka* (Vajda János Gimnázium, Keszthely)
8. *NOOBMASTER69* (Baár-Madas Református Gimnázium, Budapest)
9. *torzingazok* (Középiskolai Leánykollégium, Budapest, Uzsoki utca)
10. *rfkv11m* (Kisvárdai SZC II. Rákóczi Ferenc Szakgimnáziuma és Szakközépiskolája, Kisvárda)
11. *ELTEAM* (Nagykanizsai Szakképzési Centrum Cserháti Sándor Szakképző Iskolája és Kollégium, Nagykanizsa)
12. *cserisek* (Nagykanizsai Szakképzési Centrum Cserháti Sándor Szakképző Iskolája és Kollégium, Nagykanizsa)
13. *Tudatlanokrfkv* (Kisvárdai SZC II. Rákóczi Ferenc Szakgimnáziuma és Szakközépiskolája, Kisvárda)
14. *EotvosCELL* (Vas Megyei SzC Eötvös Loránd Szakgimnáziuma és Szakközépiskolája, Celldömölk)

The 1st place team received a special, innovative gift for their school: a 21st century version of the original experimental device of Roland Eötvös (rotational balance), a special tool to demonstrate Earth's rotation. The new version has been made by the István Groma (professor of ELTE) and his colleagues. The others took home nature observation devices, too: the second-place team received an astronomical telescope, the third one received a high-resolution microscope. The students' individual gift was a tourist binoculars, the teachers' individual gift was a compass with sun clock, and a book on UNESCO World Heritage sites in Hungary (the latter was a gift from the Hungarian National Commission for UNESCO). The main awards were presented by Zoltán Birkner, President of the National Research, Development and Innovation Office.

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The Hungarian Academy of Sciences and the Eötvös Loránd University gifted each participant with a copy of the Roland Eötvös Commemorative Album. The Akadémiai Kiadó gifted everybody with a book on science history walks in Budapest (and Károly Simonyi's famous A Cultural History of Physics, to the winners). Everybody received an "Eötvös 100" gym bag, pen and bracelet.

The Győr team received a special prize from the Hungarian Geophysical Association, the Szombathely team from the Wigner Physical Research Centre, the Dunaszerdahely/ Dunajská Streda team from the Hungarian Mining and Geological Survey. The special prize for the best performing team offered by the Computer and Automation Research Institute was won by the Zalaegerszeg students.

Originally, the best cross-border participant, the team from the Báthory István Elméleti Líceum, Kolozsvár/Cluj would have been a participant in the finals, but, due to unfortunate circumstances, they could not come. However, their absence was notified to the jury in due time so that their seats could still be filled. In recognition of their gesture, they also receive the same gifts, as all other participants in the finals.

The chairman of the jury was László Molnár, the members were Zsanett Finta, Balázs Fűzfa, István Győri, Ildikó Koós, Andrea Molnár, Tamás Ormos, Róbert Szabó, Sándor Újvári. The competition was organized by the Eötvös Loránd Physical Society and the Library and Information Centre of the Hungarian Academy of Sciences, in frames of a project coordinated by the 100 Coordination Team, and supported by National Research, Development and Innovation Office.

The event was reported by the M5 television channel, and was reported by Kossuth Radio on the morning of the finals. A video of the whole day will be posted on www.eotvos100.hu. The best three-minute presentations – as excellent dissemination examples – are available on youtube (Péter Pácsonyi from Zalaegerszeg: https://youtu.be/PsHbVPlkbiU, Viktor Csimma from Győr: https://youtu.be/8OQXg2WELRw). Eötvös 100 flyers and posters, and the Eötvös issue of the magazine Honismeret will directly increase the knowledge of the participants as well as that of their schoolmates.

László Szarka
Chair, Eötvös 100 Coordination Team
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Opening address by Jenő Sólyom, President of Eötvös Loránd Physical Society

Listening to the opening address (the Zalaegerszeg team)

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Demonstration of the Earth's rotation by István Groma, professor of physics

Quiz

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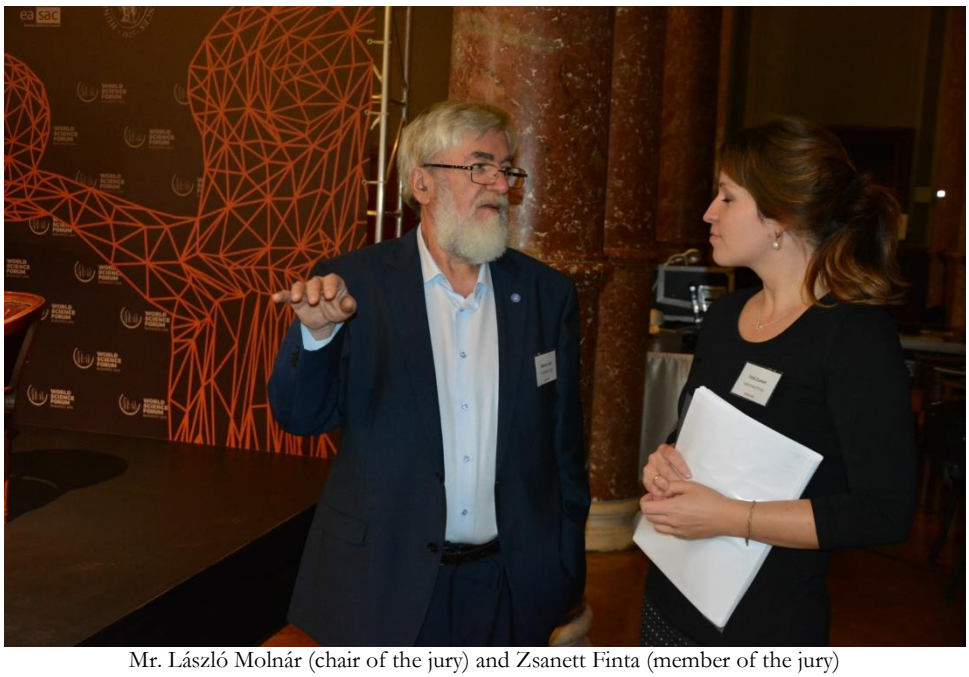

Mr. László Molnár (chair of the jury) and Zsanett Finta (member of the jury)

Carrying out physical experiment in the Ceremony Hall of the Academy (the Győr team)

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Team leading teachers

The jury in action

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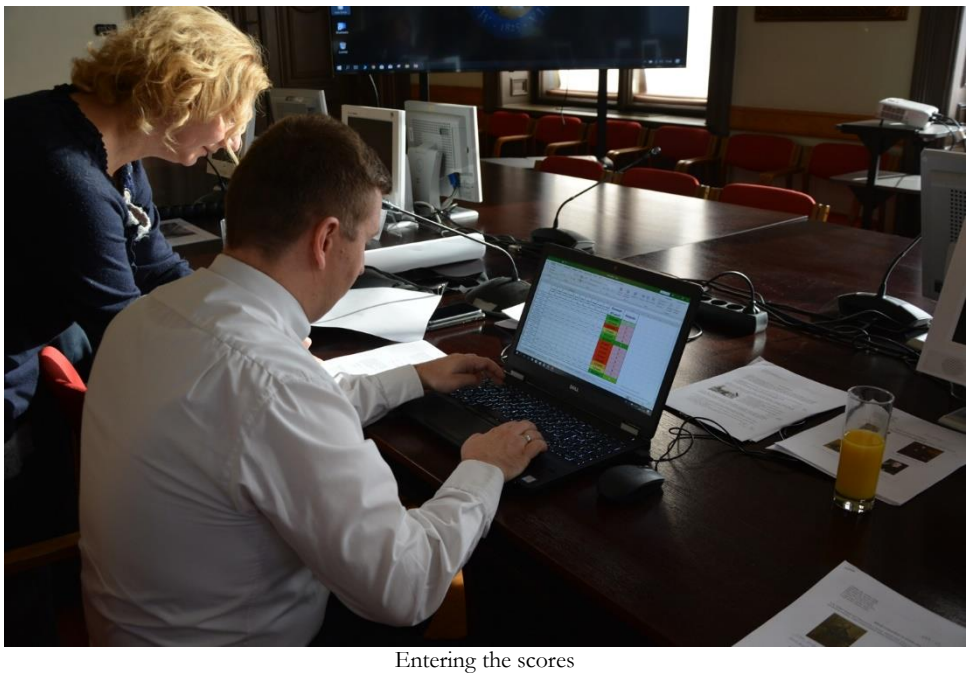

Entering the scores

Gabor David (USA), visiting the finals, and László Szarka (Chair, Eötvös 100 Coordination Team)

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In the centre: Zoltán Birkner (President of NKFIH/NRDI); to his right: István Monok (DG of MTA Library and Information Centre); to his left: András Patkós (Editor of the Eötvös Commemotative Album, a gift to the participants from the Hungarian Academy of Sciences and the Eötvös Loránd University)

An „Eötvös 100" greeting from Kolozsvár/Cluj to the participants of the finals

Further information: info@eotvos100.hu, www.eotvos100.hu

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UNESCO
United Nations Educational, Scientific and Cultural Organization

100th anniversary of Roland Eötvös (1848-1919), physicist, geophysicist, and innovator of higher education
Commemorated in association with UNESCO