

Photo Summary of the Roland Eötvös Commemorative Year

László SZARKA

Chair, Eötvös 100 Coordination Team

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December 5, 2019

Orosz István:
Eötvös Loránd

Eötvös Loránd

1 8 4 8 – 1 9 1 9

1EÖTVÖS

www.eotvos100.hu

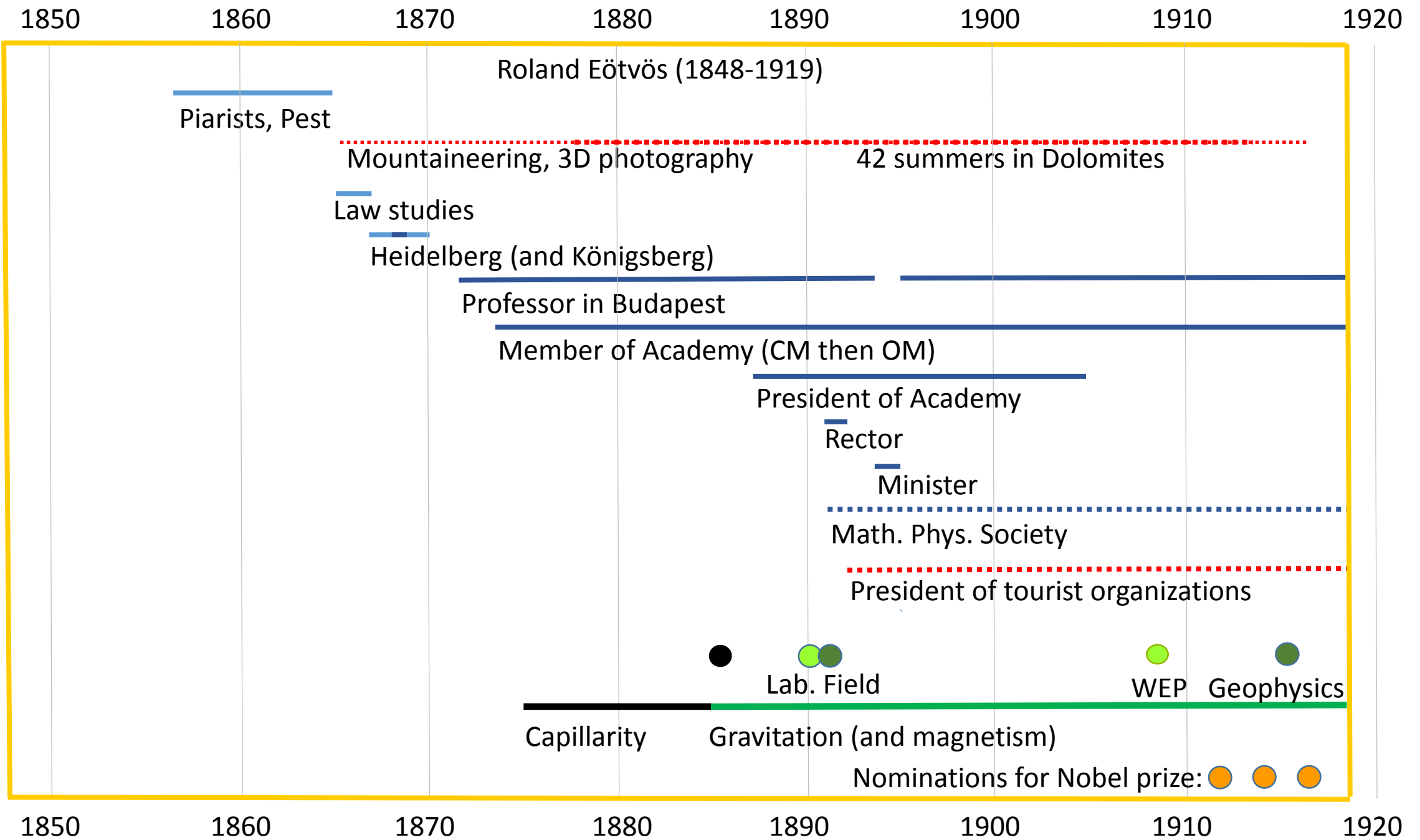


United Nations
Educational, Scientific and
Cultural Organization

Egyesült Nemzetek
Nevelésügyi, Tudományos és
Kulturális Szervezete

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

Eötvös Loránd (1848-1919) fizikus,
geofizikus és a felsőoktatás
megújítójának 100. évfordulója
Az UNESCO-val közösen emlékezve



SCIENTIFIC CONCEPTS AND TERMS NAMED AFTER ROLAND EÖTVÖS

Capillarity (surface tension of liquids):

Eötvös rule (Eötvös law)

Eötvös constant

Eötvös number

Weak equivalence principle
(inertial/gravitational mass
proportionality):

Eötvös experiment

(EPF or Eötvös-type experiment)

Eötvös parameter

Laboratory and field instrument:

Eötvös torsion balance

(Eötvös pendulum)

Geodesy:

Eötvös tensor

Gravitation on a rotating planet:

Eötvös effect

Eötvös correction

Gravity and magnetism:

Eötvös law of magnetism

(the Poisson-Eötvös relationship)

1 eötvös = 1E: physical unit (10^{-9} s^{-2})

Physical unit

eötvös (unit)

The eötvös (or eotvos, E): unit of acceleration divided by distance. $1 \text{ eötvös} = 1 \text{E}=10^{-9} \text{ s}^{-2}$

Nature forms named after Roland Eötvös

Mineral

Lorándite

Lorándite is a mineral (thallium arsenic sulfosalt, 1894), being used for detection of solar neutrino

Mountain peak

Eötvös Peak (Cima di Eötvös, Eötvösspitze)

The Eötvös Peak is the second highest, or south-western Cadin peak in the Dolomites (2837 m)

Routes, caves etc.

Via Eötvös (≠Via Eötvös Dimai)

First climbing route of Croda da Lago. (Via Eötvös Dimai is named after his daughters.)

Eötvös-út (Eötvös Loránd-turistaút, Etveska, Eötvösova cesta)

A hiking trail above Banská Stiavnica (Selmečbánya, Schemnitz), named after Roland Eötvös (1896)

Eötvös caves

Aggtelek Karstic Mts and Krecsunesd / Crăciunești (Șura de Sus)

Moon crater

Eötvös crater

The Eötvös crater is the remains of a lunar impact crater on the far side of the Moon. It lies to the north-northwest of the walled plain Roche, and east-southeast of the equally ruined Bolyai.

Asteroid

12301 Eötvös

12301 Eötvös is a main belt asteroid with an orbital period of 3.65 years (1991).

Significance of Eötvös in 2019

For physicists: The Eötvös experiments are of crucial importance in modern theoretical (gravitational) physics.

For earth scientists: Roland Eötvös represents a cohesion force in the Carpathian Basin.

For the general public: He deserves to be a role model.

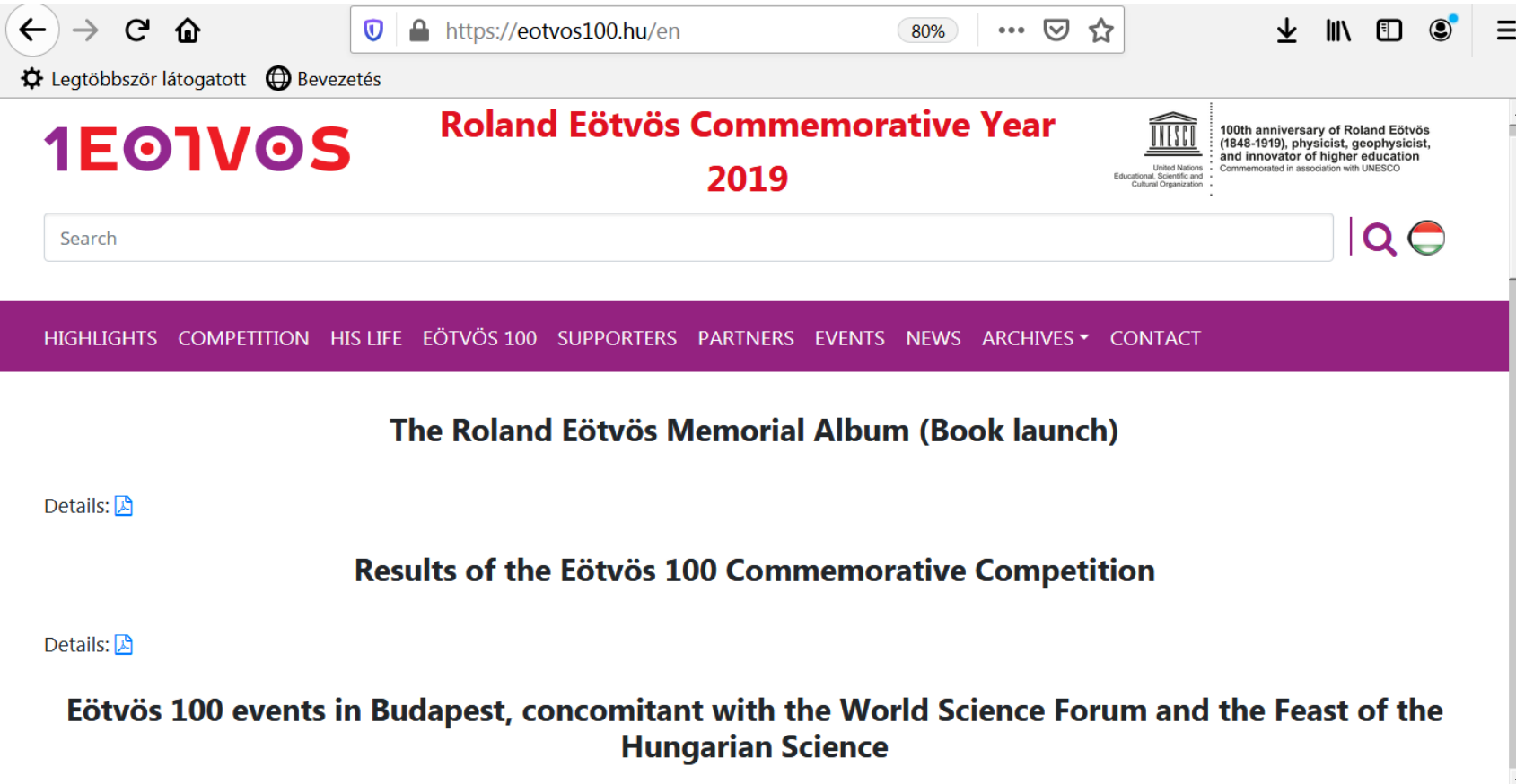
The Eötvös 100 Commemorative Year is realized by the Association of Hungarian Geophysicists, Eötvös Loránd Physical Society, Eötvös Loránd University, Hungarian Academy of Sciences, Hungarian National Commission for UNESCO, and many other organizations, coordinated by the „Eötvös 100” Coordinating Team.

Support: Ministry for Innovation and Technology, Ministry for Human Resources, National Cultural Fund of Hungary, National Research and Development Office

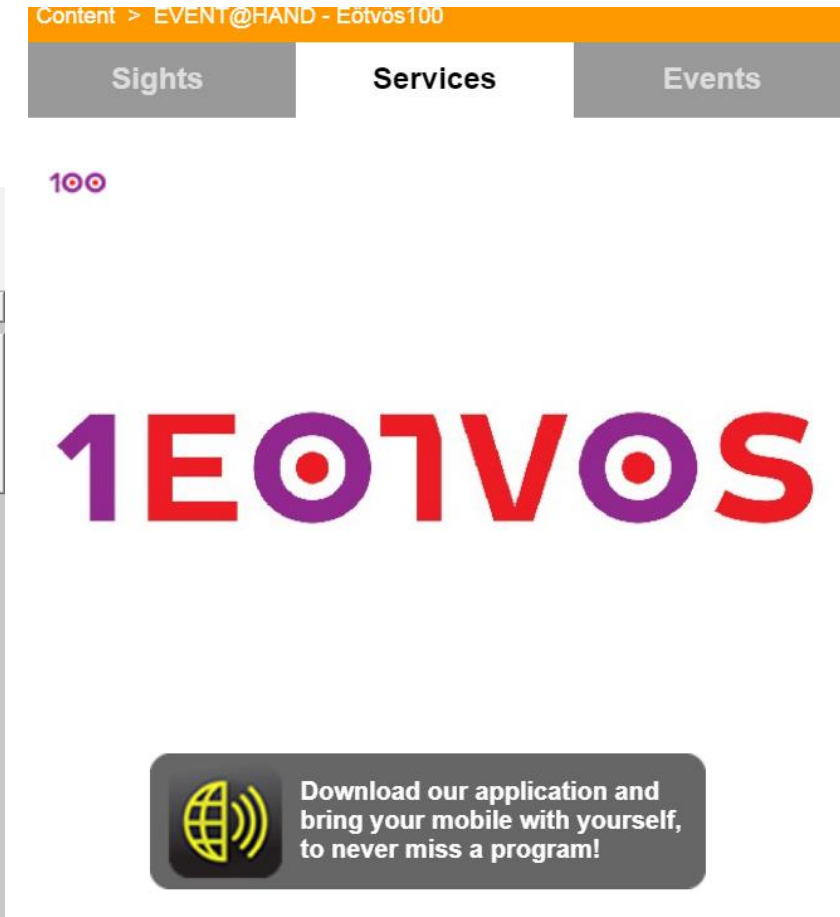


More than 100 (even more than 122) events through 2019, Hungary and abroad.

The Eötvös 100 website (SZTAKI and MTA KIK):



The eotvos100.hu website on December 8, 2019



Smart phone application:
EVENT@HAND Eötvös100



**EUROPEAN PHYSICAL SOCIETY —
EPS HISTORIC SITE**

*THE FORMER PHYSICS BUILDING OF
BUDAPEST UNIVERSITY*

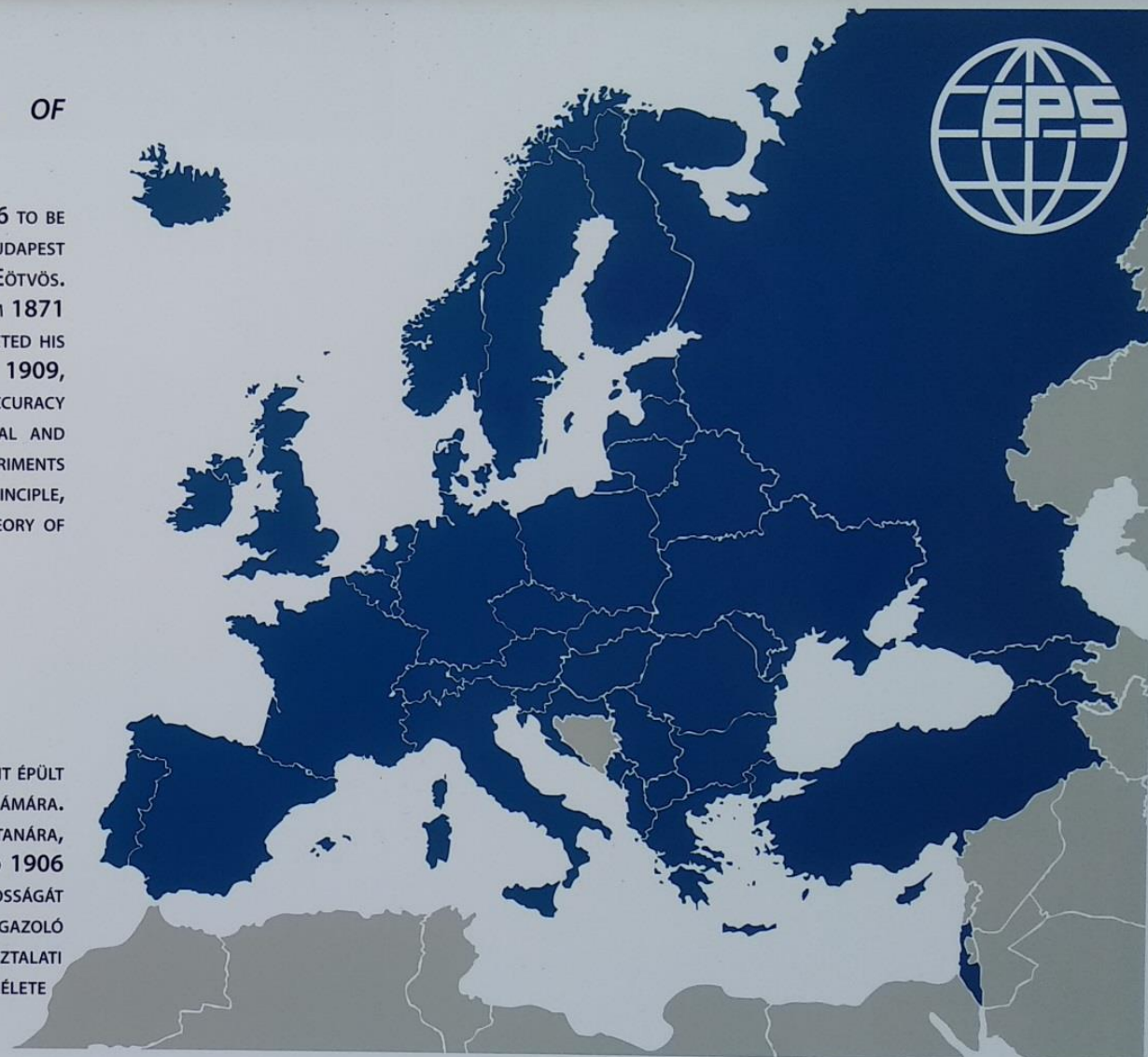
SITE OF THE EÖTVÖS EXPERIMENTS

THIS BUILDING WAS CONSTRUCTED FROM 1883 TO 1886 TO BE THE PHYSICS BUILDING OF THE UNIVERSITY OF BUDAPEST ACCORDING TO THE DESIGN CONCEPT OF BARON ROLAND EÖTVÖS. HE WAS PROFESSOR OF PHYSICS OF THE UNIVERSITY FROM 1871 TO 1919. IT IS IN THIS VERY BUILDING THAT HE CONDUCTED HIS SERIES OF EXPERIMENTS IN 1889 AND FROM 1906 TO 1909, DEMONSTRATING TO AN EXTRAORDINARY DEGREE OF ACCURACY (1:200 000 000) THE PROPORTIONALITY OF INERTIAL AND GRAVITATIONAL MASS. THESE FUNDAMENTAL EXPERIMENTS PROVIDED EMPIRICAL SUPPORT TO THE EQUIVALENCE PRINCIPLE, THE BASIC CONCEPT OF ALBERT EINSTEIN'S GENERAL THEORY OF RELATIVITY.

**EURÓPAI FIZIKAI TÁRSULAT —
EPS FIZIKATÖRTÉNETI EMLÉKHELY**

**A PESTI EGYETEM FIZIKAI INTÉZETE
AZ EÖTVÖS-KÍSÉRLET HELYSZÍNE**

EZ AZ ÉPÜLET BÁRÓ EÖTVÖS LORÁND ELKÉPZELÉSEI SZERINT ÉPÜLT 1883 ÉS 86 KÖZÖTT A PESTI EGYETEM FIZIKAI INTÉZETE SZÁMÁRA. EÖTVÖS LORÁND, AKI 1871-TŐL 1919-IG VOLT A FIZIKATANÁRA, EBBEN AZ ÉPÜLETBEN HAJTOTA VÉGRE 1889-BEN, MAJD 1906 ÉS 1909 KÖZÖTT A SÚLYOS ÉS TEHETETLEN TÖMEG ARÁNYOSSÁGÁT RENDKÍVÜLI PONTOSSÁGGAL (1:200 000 000) IGAZOLÓ ALAPVETŐ MÉRÉSSOROZATOT. EZ A KÍSÉRLET SZILÁRD TAPASZTALATI ALAPOT NYÚJTOTT EINSTEIN ÁLTALÁNOS RELATIVITÁSELMÉLETE KIINDULÁSI PONTJÁNAK, AZ EKIVALENCIAELVNEK.



Information table of the European Physical Society in front of the university building in Budapest, where the Eötvös experiments had been carried out. Inauguration: 12.10.2018

Eötvös 100 Honorary Board Members

ADELBERGER Eric, COLOMBO Oscar L., DOMOKOS Gábor, FISCHBACH Ephraim, von FRESE Ralph, GOMBOSI Tamás, MÉSZÁROS Péter, MÉTRIS Gilles, MILGROM Mordehai, MILYUKOV Vadim, NAGY F. András, University of Michigan, RODRIGUES Manuel, TOUBOUL Pierre, VERLINDE Erik, WEISS Rainer, WETTERICH Cristoph, WILL Clifford M. etc. physicists,

BEER Tom, BERNABINI Marcello, BIELIK Miroslav, BRIMICH Ladislav, CLOETINGH Sierd, DOGLIONI Carlo, GRAFAREND Erik W., GROTEN Erwin, HAJNAL Zoltán, HIRT Christian, HOLOTA Petr, KALAB Zdenek, KAUTZLEBEN Heinz, LÜHR Hermann, MARKOVIČ Slobodan, MEURERS Bruno, MOCANU Victor, MORITZ Helmut, MUELLER Ivan, MÜLLER Jürgen, NAGY Dezső, PASTEKA Roman, EGLI Ramon, RUMMEL Reiner, RYBACH Ladislaus, SANSÓ Fernandó, SCHUH Harald, SIDERIS Michael, SNEEUW Nico, TORGE Wolfgang, VANÍČEK Petr, WHALER Kathy etc. earth scientists.



Academy Exhibition
14.01.2019



Eötvös 100 Opening
Hungarian Academy of Sciences
14.01.2019

Digitally converted
3D anaglyph photo

Fruska Gora

Conversion:
Zsolt Regály
Konkoly Observatory





3D photo presentation
14.01.2019

THE COUNCIL OF EUROPEAN GEODETIC SURVEYORS
COMITÉ DE LIAISON DES GÉOMÈTRES EUROPÉENS

← → ↻ clge.eu/document-category/clge-posters

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REPORTS

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CHOOSE YEAR

2019

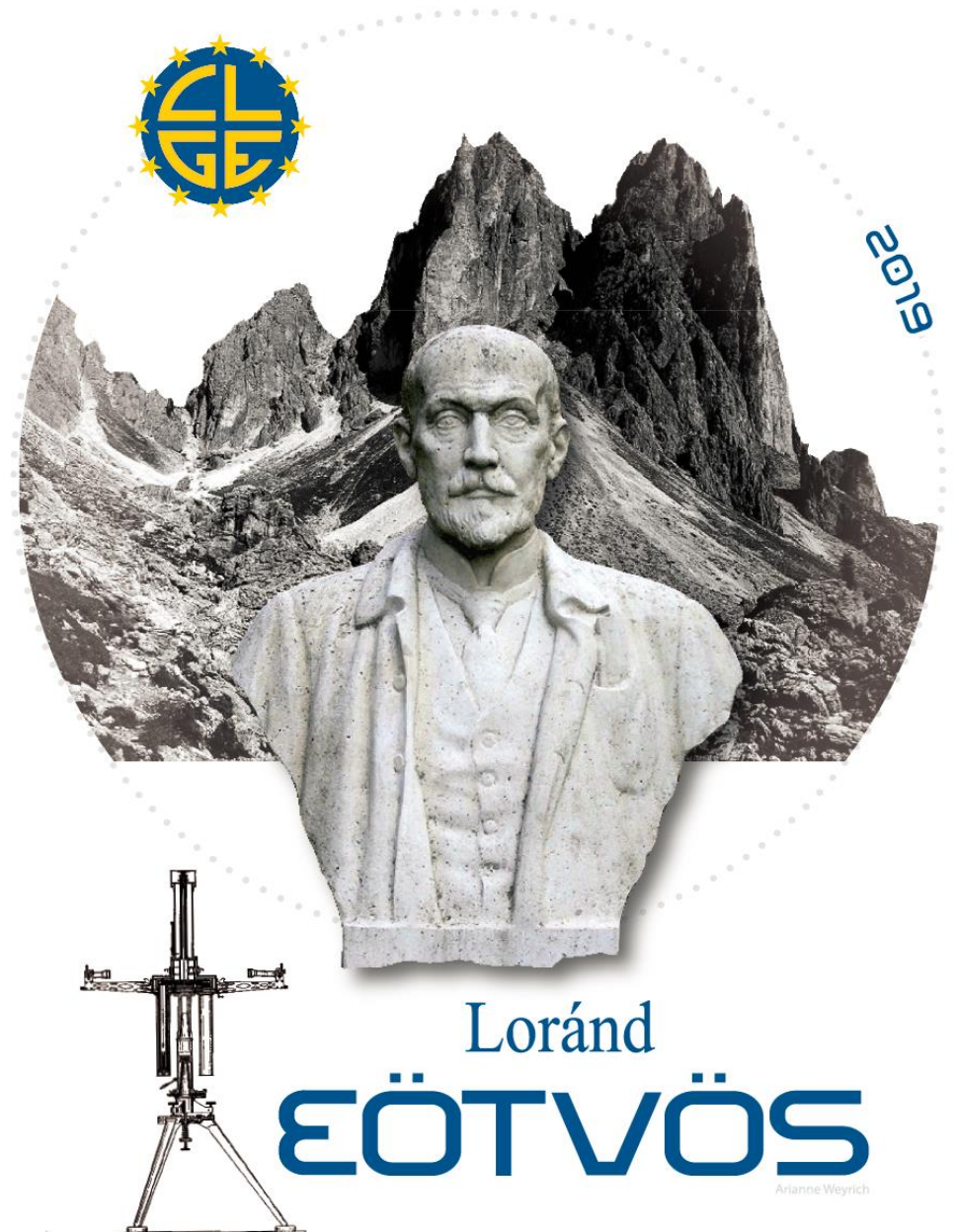


Surveyor of the Year 2019



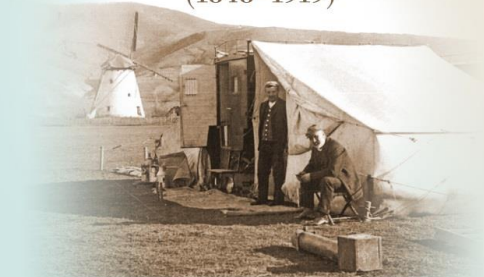
Eötvös Loránd

CLGE declared
Eötvös Loránd (Roland Eötvös) as „Surveyor of the Year 2019”
Sofia, 21.03.2019





EÖTVÖS LORÁND
(1848–1919)



„...némi bepillantást nyerve olyan mélységekbe, melyekhez
szemünk egyáltalában nem hatolhat és fűrőink el nem érnek.”





Wreath laying ceremony
Budapest, 09.04.2019

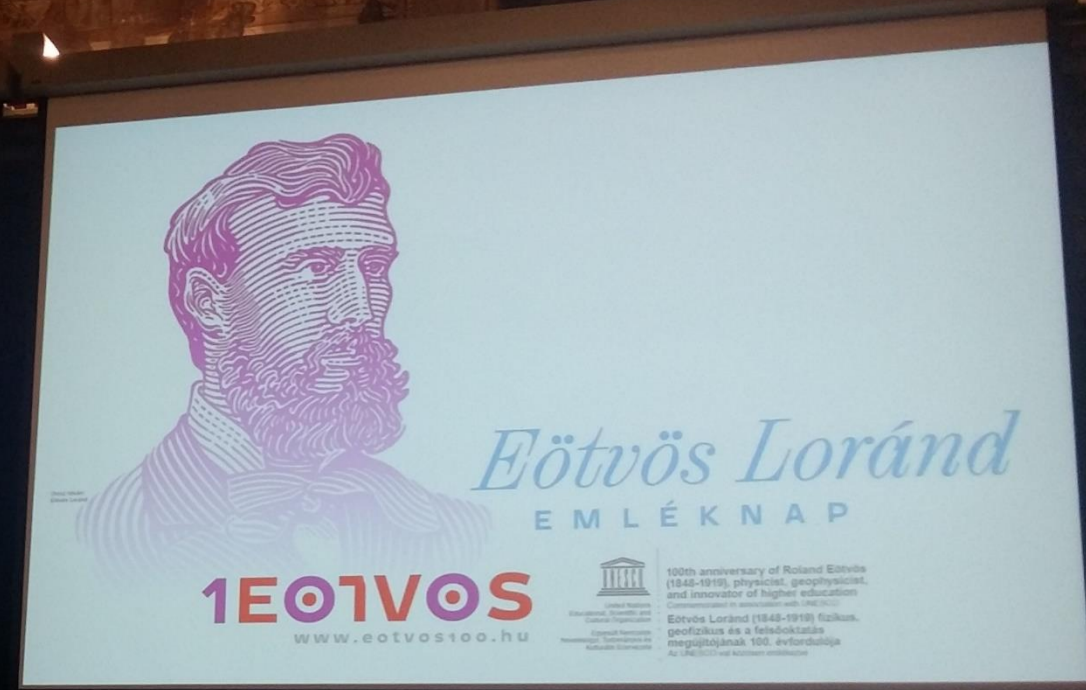
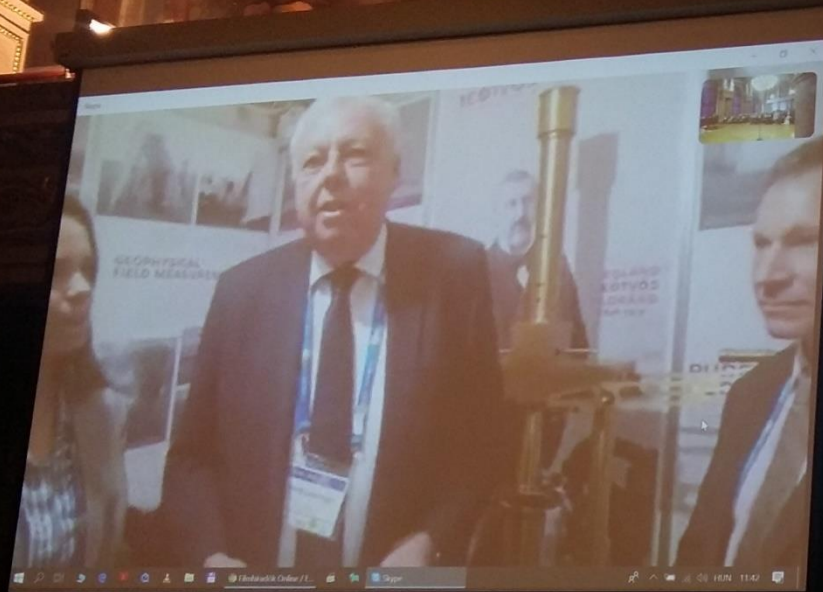


Eötvös 100 Commemorative Day
Budapest, 08.04.2019



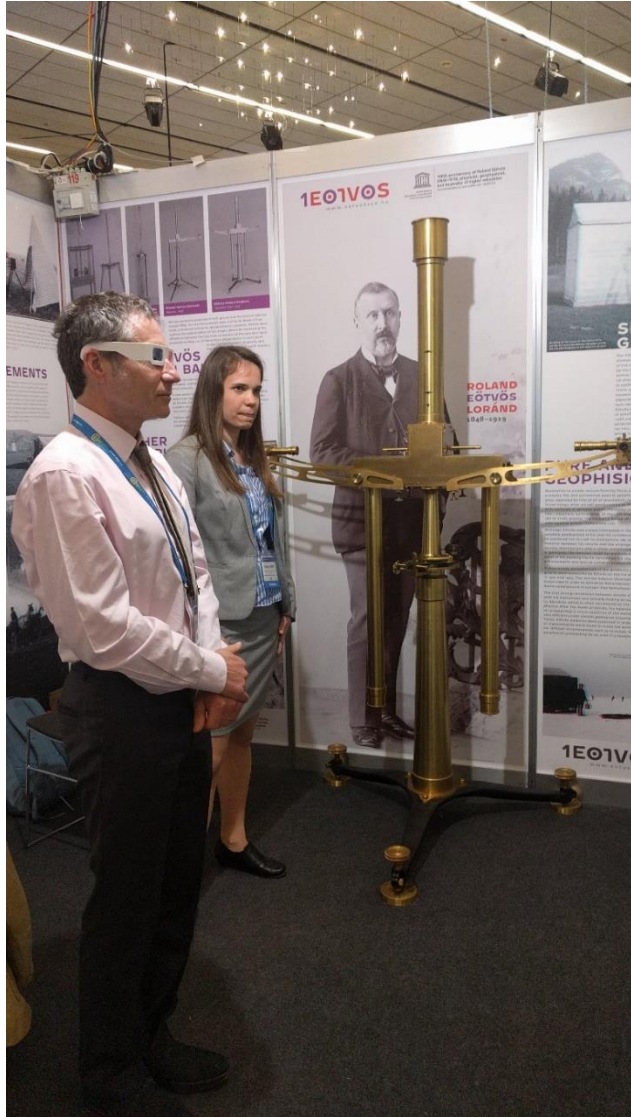
Budapest, 09.04.2019: thanksgiving mess

Living stream from the Vienna EGU with the EGU and the AE presidents
(08.04.2019)



1EÖTVÖS

Eötvös 100 exhibition at the EGU 2019 in Vienna (April 8-13, 2019)
(with 3D stereoscopic photos by Eötvös and the „doubled” torsion balance)



Jonathan Bamber
President, EGU



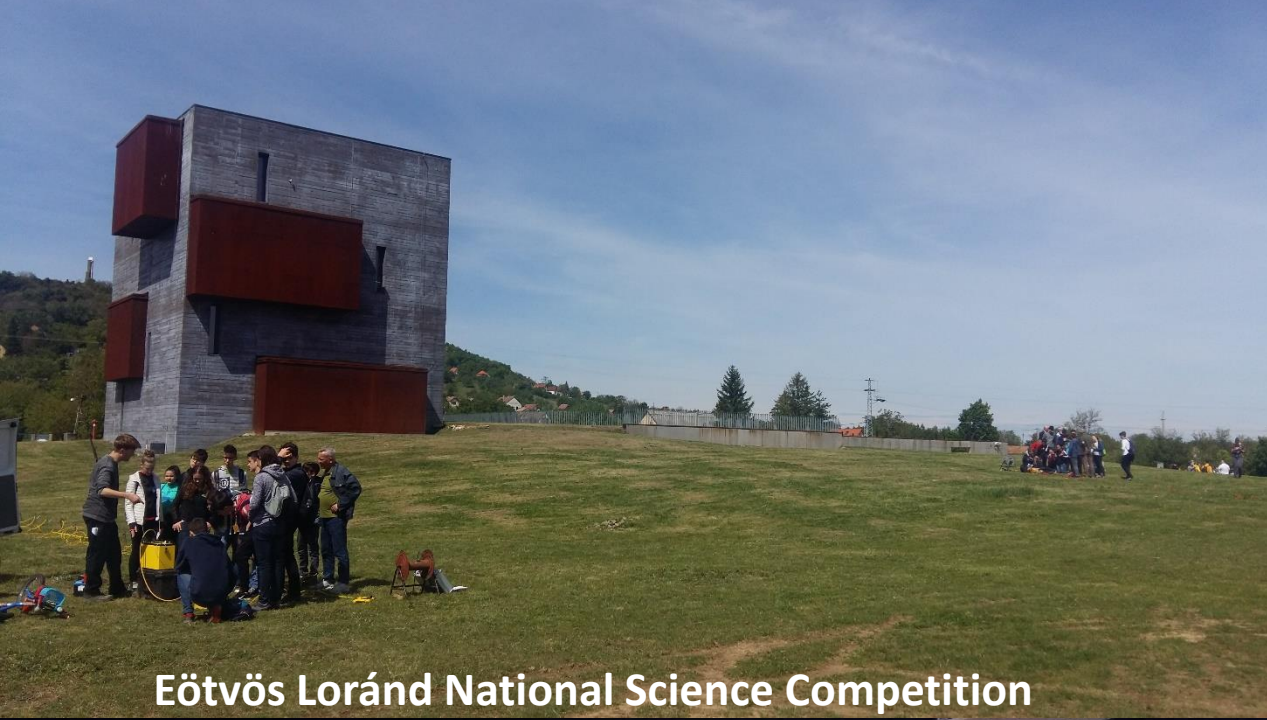
Sierd Cloetingh
President, AE



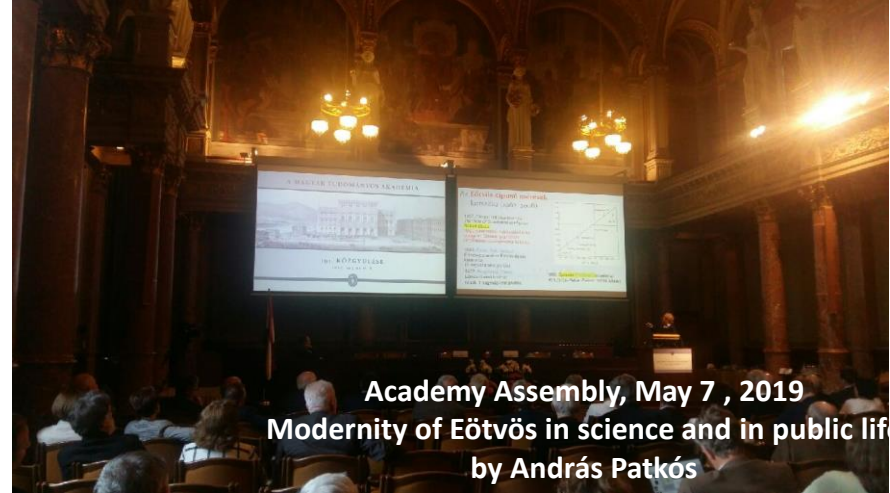
Robin Elisabeth Bell
President, AGU



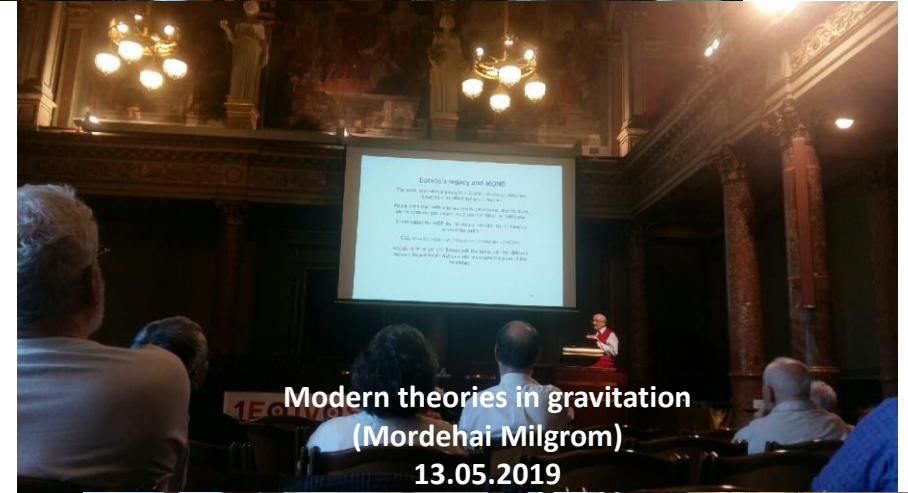
Alik Ismail-Zadeh
SG, IUGG



**Eötvös Loránd National Science Competition
Final: Ság hill (Celldömölk, May 11-12, 2019)**



**Academy Assembly, May 7, 2019
Modernity of Eötvös in science and in public life
by András Patkós**



**Modern theories in gravitation
(Mordehai Milgrom)
13.05.2019**



Roland Eötvös, the Earth Scientist, 15.05.2019

International Conference on Precision Physics and Fundamental Physical Constants Tihany

Programme on June 13:



Ephraim Fischbach:

The Enduring Significance of Eötvös' Most Famous Experiment 09:00

James E. Faller:

My time with Bob Dicke; the beginning of experimental gravitational physics in university research 09:30

Lajos Völgyesi:

Torsion Balance and Remeasurement of the Eötvös Experiment 10:00

Gyula Tóth:

Remeasurement of the Eötvös experiment - status and first results 10:55

Kasey Wagoner:

GEE Lab's Equivalence Principle Experiment 11:20

Peter Ván:

Gravitational waves and the Einstein Telescope 11:50

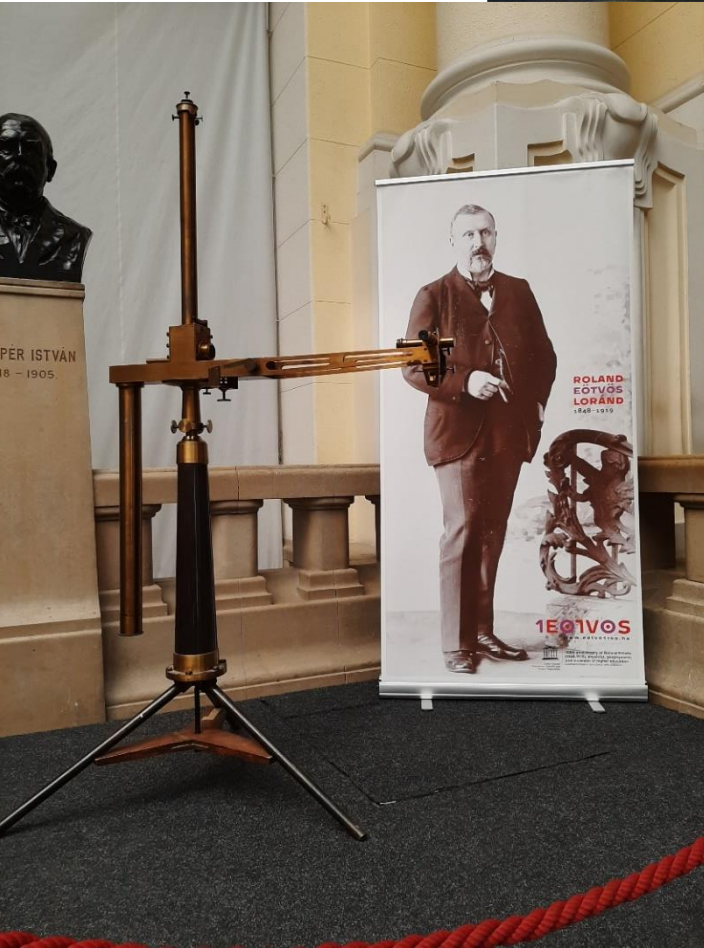
Vadim Milyukov:

Newtonian Gravitation Constant: History of Measurement and New Results 14:00

Qing Li:

Determination of G with time-of-swing method by using high-Q silica fibers 14:30

including *Chao Xue*: **Determination of G with Angular-Acceleration-Feedback Method**



Eötvös 100
at the international
physics teacher
conference,
in the lobby of the
Budapest
Technical University (BME)
(+five Eötvös 100 lectures)



IUGG
Montreal,
July 8-18, 2019



Demonstration of the
Eötvös torsion balance
at the annual meeting of the
Eötvös Loránd Physical Society

(Sopron, 22.08.2019)



Exhibition of stereographic
photos made by Eötvös in
South Tyrol.
Toblach/Dobbiaco
09.08.2019





Roland Eötvös bicycle tour from Székesfehérvár to the Dolomites (610 km)
(06.09.2019)



Eötvös 100
(Kiscell Museum,
08.09.2019)



Lake reconstruction
(Eötvös Collegium
09.09.2019).

The Eötvös József
Collegium
was initiated by
Roland Eötvös,
son of József.



The Eötvös peak (2837 m, Cadin Dolomites, South Tyrol)
11.09.2019.



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Nyomtatás

4582. Dolomitok-Eötvös emlékhely (GCMISU)

Bázisunk, Dolomiti panzió



Szélesség **N 46° 34,615'**
Hosszúság **E 12° 17,092'**
Magasság: **2620 m**
Megye/ország: **Olaszország**
Térképen: **TuHu** - **OSM** - **GMaps**
Koordináták letöltése GPS-be
Közelí ládák
Közelí pontok

Elhelyezés időpontja: **2019.09.11 13:00**
Megjelenés időpontja: **2019.09.20 20:53**
Utolsó lényeges változás: **2019.09.20 20:53**
Utolsó változás: **2019.09.23 21:28**
Rejtés típusa: **Hagyományos geoláda**
Elrejtők: **ha2**
Felhasználó: **ha2**
Nehézség / Terep: **2.5 / 4.5**
Úthossz a kiindulóponttól: **5100 m**
Megtalálások száma: **0**

Az indulásnál



Cent'anni fa moriva Eötvös

L'Ungheria e il Comune di Dobbiaco onorano il Barone

A un secolo dalla scomparsa, l'Ungheria e il Comune di Dobbiaco onorano il Barone Loránd Eötvös, scienziato e alpinista, con una mostra fotografica a ricordo dei suoi soggiorni dolomitici.

Fino alla Prima Guerra

(1848-1919), Ministro della pubblica istruzione, docente di fisica e Rettore dell'Università di Budapest, che dal 1950 è intitolata a lui.

Dal 1875 la famiglia di Eötvös frequentò la Val Pusteria in entrambe le stagioni, fermandosi all'Hotel

scalate, distinguendosi in una quindicina di prime, tra le quali, il 19 luglio 1884, quella della Croda da Lago a Cortina.

In coincidenza con il centenario della morte dell'insigne conterraneo, l'Ungheria ha promosso

men-
vita e

Auf den Spuren von Roland Eötvös

GEDENKEN: Mitglieder des Ungarischen Touristenvereins auf Gedächtnistour in den Dolomiten – Gedenktafel und Gipfelbuch für die Cima Eötvös

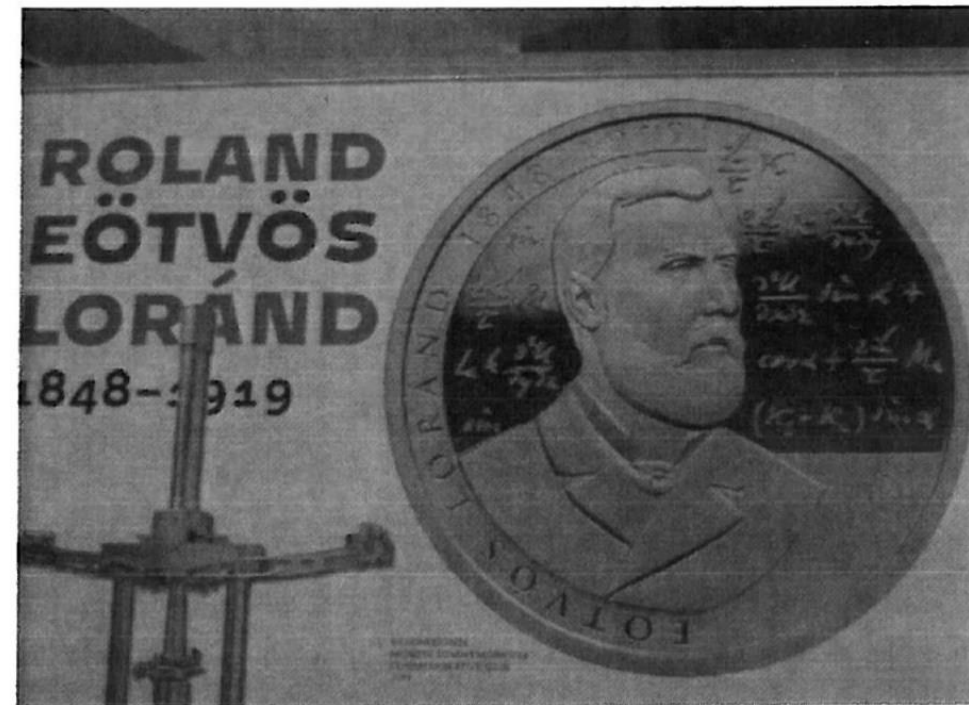
TOBLACH/AURONZO (ru). In seiner Heimat Ungarn ist der große Physiker Roland Eötvös (1848-1919) unvergessen. Anlässlich seines Todesjahres, das sich heuer zum 100. Mal jährt, wird nicht nur an seine wissenschaftlichen, sondern auch an seine alpinistischen Leistungen erinnert. Im September begab sich eine Delegation des Ungarischen Touristenvereins auf eine Gedächtnistour in die Dolomiten, um die Berge kennenzulernen, die Eötvös so sehr geliebt und von denen er einige der Gipfel als Erster bestiegen hat.



Vertreter der AVS-Ortsstelle Toblach mit dessen Leiter Lois Watschinger (Erster von links in der vorderen Reihe) und Vertreter der Cai-Sektion Auronzo mit deren Vizepräsident Massimo Casagrande (Fünfter von links in der hinteren Reihe) überreichen dem Präsidenten der ungarischen Delegation László Schönviszky (Sechster von links in der hinteren Reihe) ein Gipfelbuch für die Cima Eötvös.



3 Alpinisten der ungarischen Delegation brachten am 11. September an der Cima Eötvös eine 4-sprachige Gedenktafel an.



La medaglia celebrativa di Eötvös. (Foto I.D.F.)

aco si
lo nel
zioni
e, con
e del-
resso
alerie
ni 25
rafie
i suoi

soggiorni montani. Le immagini, riprodotte in stereoscopia, costituiscono documenti di storia spesso commoventi, e svelano un panorama molto ampio sulle escursioni e le visite del fisico magiaro e dei suoi familiari durante le vacanze

ai confini dell'Impero.

La mostra è stata aperta il 9 agosto al cospetto di una delegazione ungherese e del Presidente del Comitato «Eötvös 100» Laszlo Szarka, e rimarrà aperta fino al 21 settembre.

E.M.

AZ ELTE TTK HÖK ÉS AZ ELTE TTK HALLGATÓI ALAPÍTVÁNY BEMUTATJA:



*** 2019. 09. 19. * Lágymányos ***

RAJT: DÉLUTÁN 5 ÓRA 5 PERCKOR!

FUSS VELÜNK AZ **1EÖTVÖS** EMLÉKÉV ALKALMÁBÓL



AZ EGYETEMI SPORT NEMZETKÖZI NAPJÁN!

Nevezés: eotvos5.elte.hu

 ELTE 5vös 5km

Eötvös 100
Emlékmaraton

Benne
„5vös 5km”
futóverseny

At the Roland Roland Eötvös plaque
in Heidelberg

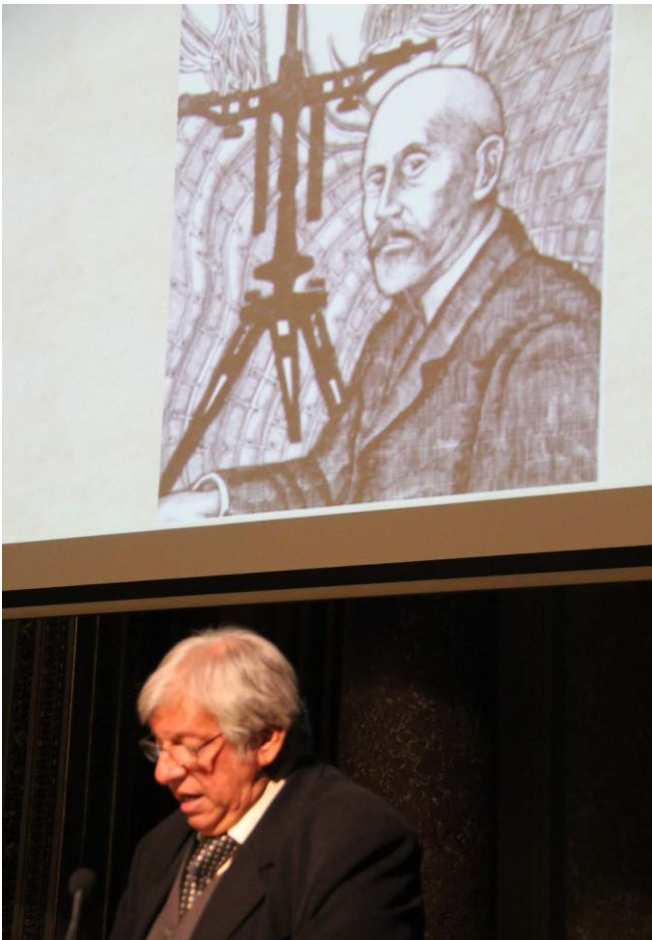
17.09.2019



21.09.2019

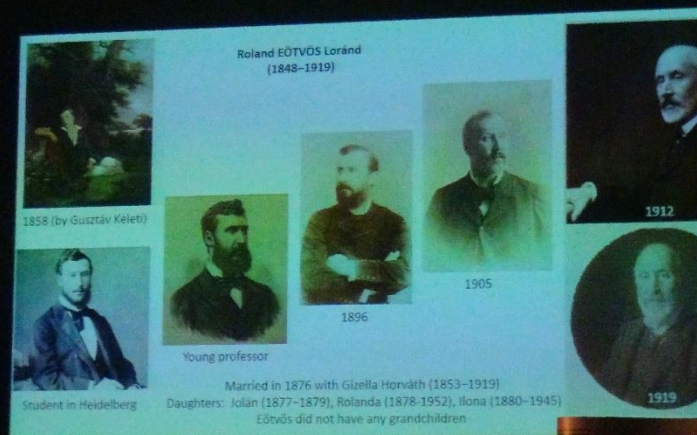
The Hungarian Heritage Prize

Ceremony at MOM (The Süss Works)



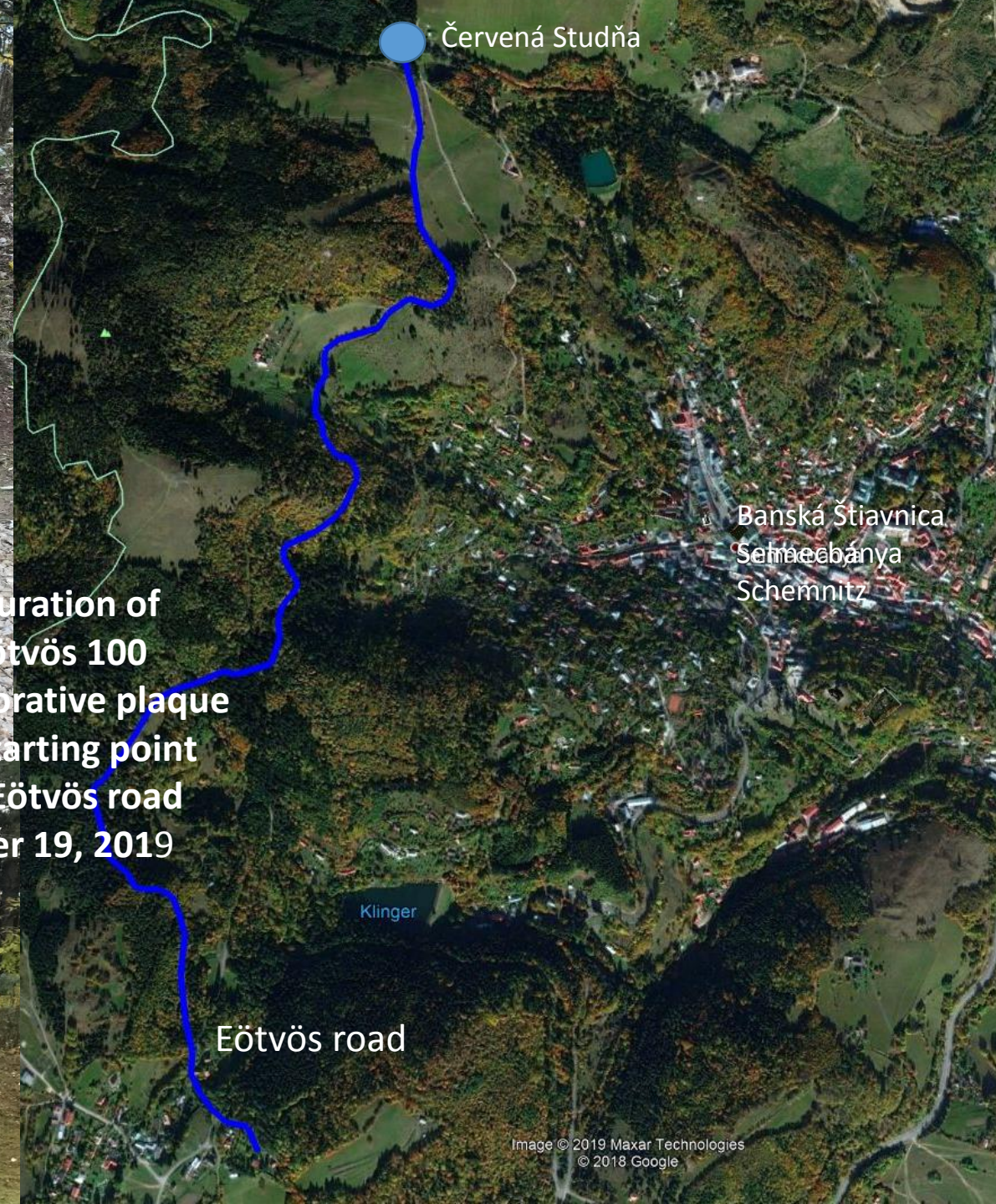


Eötvös 100 conference in Gbely /Egbell
October 17, 2019



An aerial photograph showing a road junction. A blue line is drawn on the image, starting from a point on the right side and extending towards the center, indicating the starting point of the Eötvös road. The text is overlaid on the image in white, bold, sans-serif font.

**Inauguration of
an Eötvös 100
commemorative plaque
at the starting point
of the Eötvös road
October 19, 2019**





Újvidék/Novi Sad, Európa Kollégium, 29.11.2019

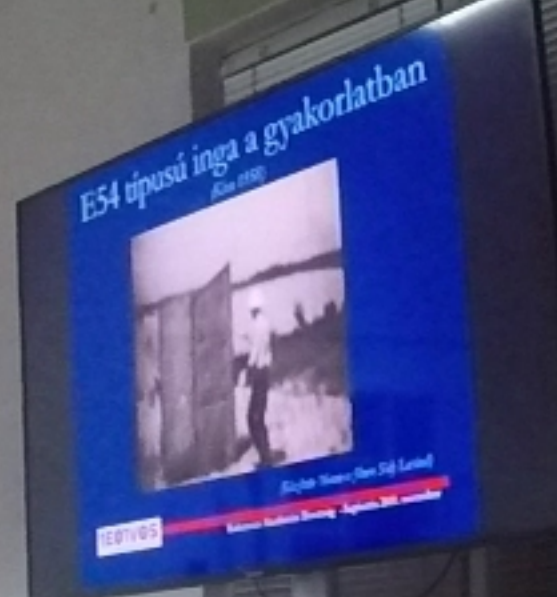


Eötvös 100
lecture at the
Novi Sad Branch
of the Serbian
Academy
of Sciences
30.10.2019





Tamás Ormos's talk



Cluj (Kolozsvár), November 5, 2019



In the first row: Jenő Sólyom, Zoltán Dencs, Zoltán Neda

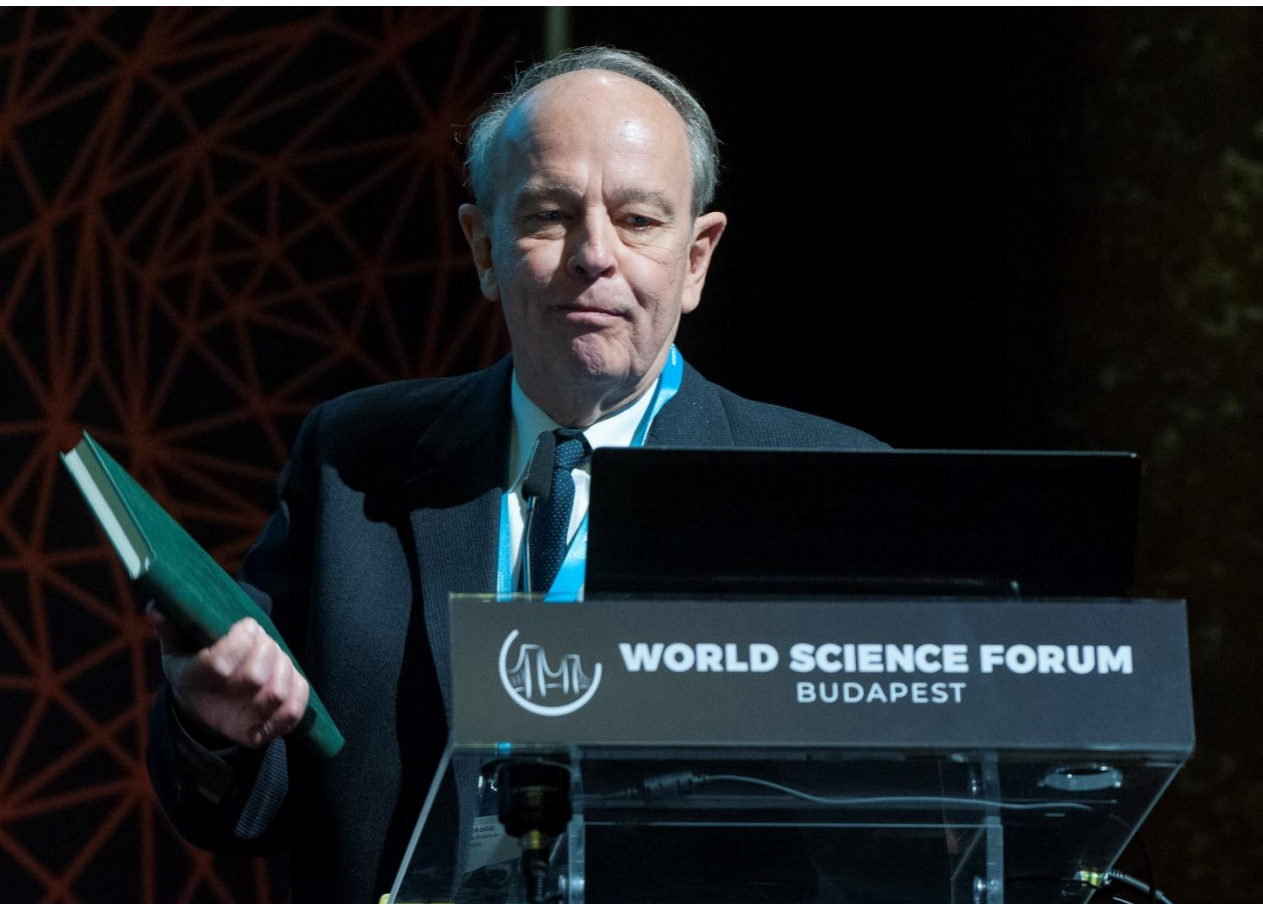
From Eötvös to Eötvös
(Conference at ELTE BTK)

2019.11.19.



Eötvös 100 Special Session at the World Science Forum (Budapest, 20.11.2019)





Book launch: „The Eötvös experiment in its historical context”
at the Eötvös 100 WSF Special Session, 20.11.2019

Opening Ceremony of the World Science Forum
(Budapest, 20.11.2019)

János Áder, President of Hungary, started and ended his opening address with Roland Eötvös. *It has been a hundred years since Roland Eötvös, the outstanding physicist, died. He was not only a great scientist, but also a first-rate leader, the legendary president of the Hungarian Academy of Sciences. When he became President of the Academy 130 years ago in 1889, he told in his first speech that science was a common building. János Áder quoted Roland Eötvös: "Nations do not work in different sciences; they are all working on building the same structure (...) What one begins, the other continues, and the end result belongs to all those who contributed to its creation."* In the end of his speech, wishing inspiring discussions, taboo issues, and effective conference to all participants at this year's World Science Forum, President of Hungary concluded: *let us make sure that the "building" of science that Roland Eötvös talks about is not just a wonderful monument of human performance, but a common refuge.*



János Áder



Eötvös 100 "Son et Lumière"
on the facade of the Academy Palace. Budapest, November 20-23, 2019
(on the occasion of the WSF held in Budapest)



*„Under the Spell of Accuracy:
Life and Work of Loránd Eötvös”*

Exhibition Opening
ELTE, 22.11.2019

Edith Strobl, Imre Bárd , Kathryn Whaler, Henk Kubbinga, Alik Ismail-Zadeh, István Groma



László Borhy



Carrying out physical experiment
in the Ceremony Hall of the Hungarian Academy of Sciences



András Patkós, István Monok, Zoltán Birkner, Jenő Sólyom, István Groma



László Molnár (Chair of the Jury)

OKLEVÉL

„Aki nagy útra készül, aki testi erejét nagy próbának veti alá, meg az is, aki bármilyen sport tereen másokkal versenyre kel, lemond kedves szokásairól, kényelméről, mulatságait céljainak eláldozza. Nem érdemel-e a szellemi küzdelem terein elérendő siker éppen ilyen áldozatokat?” Eötvös Loránd

a(z) KECSKEMÉTI KATONA JÓZSEF GIMNÁZIUM

TOLTELEK
csapata részére
BODA MILÁN, FEKETE DOMONKOS, GARAMVÖLGYI ISTVÁN, HUDÁK JÁNOS,
felkészítő tanár: **SÁRÓNÉ JÉGA-SZABÓ IRÉN**
az Eötvös Loránd Jubileumi Emlékverseny döntőjében
3. helyezést ért el.

Budapest, 2019. november 23.

Molnár László a zsűri elnöke
Sólyom Jenő az Eötvös Loránd Fizikai Társulat elnöke
Monok István az MTA Könyvtár és Információs Központ főigazgatója
Szarka László az Eötvös 100 koordinációs testület elnöke

Eötvös Loránd
EMLÉKÉV
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www.eotvos100.hu

Eötvös Loránd Commemorative Competition
Finals, 2019.11.23.

Péter Pácsnyi, member of the winner team Trivialisch from Zalaegerszeg



<https://www.youtube.com/watch?v=PsHbVPlkbiU>

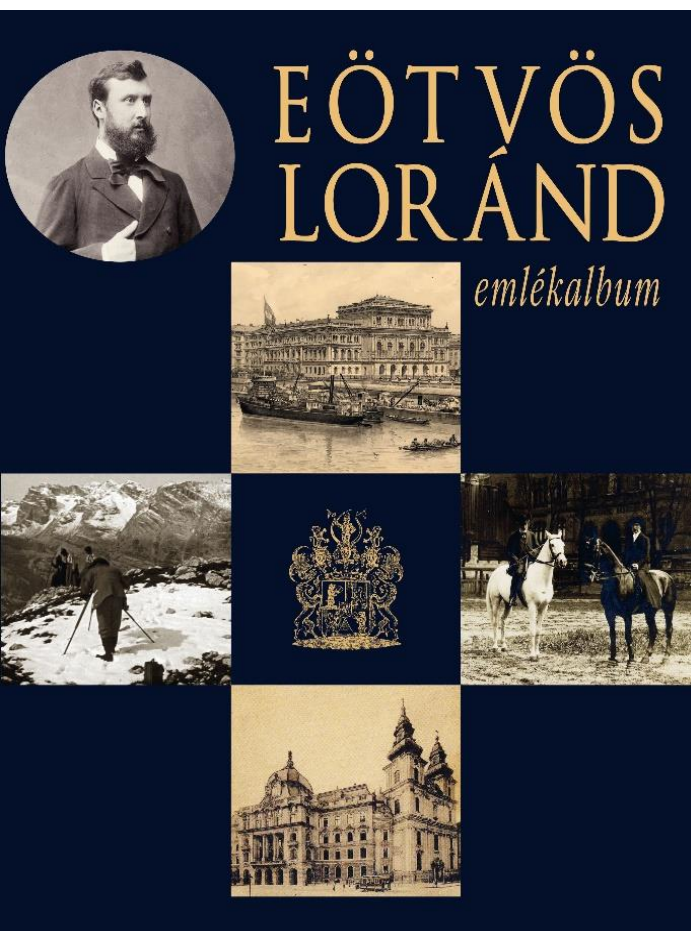
Viktor Csimma, member of the team FifikusFizikusok from Győr



The two best student talks are directly available on internet



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



LÁSZLÓ LOVÁSZ
Lectori salutem!

LÁSZLÓ BORHY
Lectori salutem!

MIKLÓS RÉTHELYI
Introduction

GYULA RADNAI
Roland Eötvös, natural scientist

JÓZSEF CSERTI – ANDRÁS PATKÓS
From the Eötvös Rule to the Eötvös Effect via the Eötvös Balance

ZOLTÁN SZABÓ – TAMÁS BODOKY
Roland Eötvös, geophysicist, father of instrumental geophysical prospecting

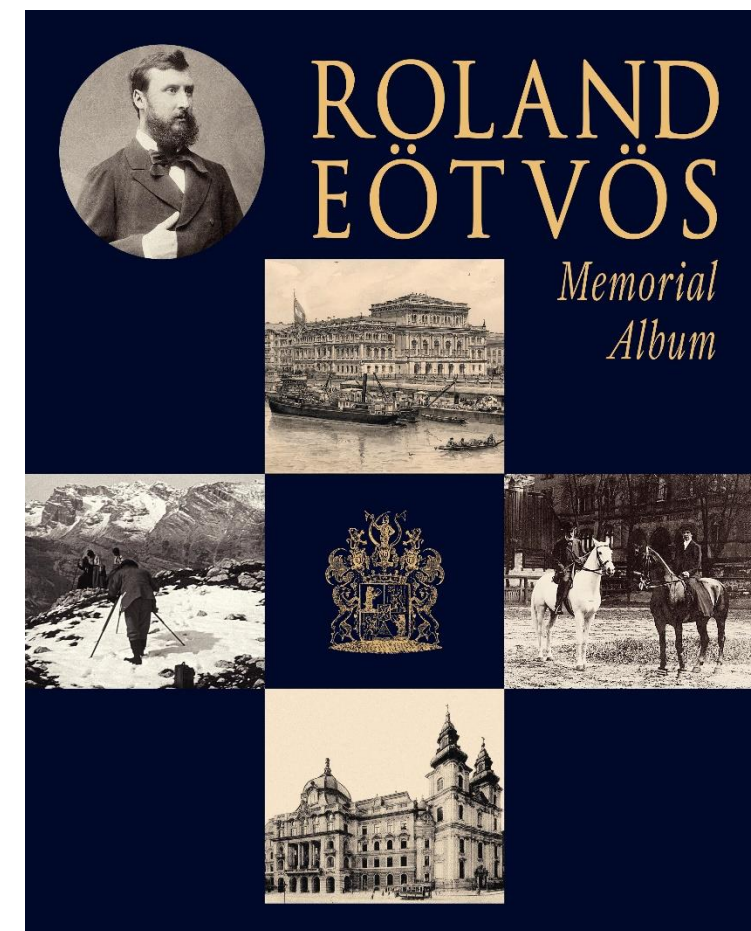
EPHRAIM FISCHBACH
The enduring significance of Eötvös's most famous experiment

LÓRÁNT FÖLDVÁRY – JÁNOS KISS – LÁSZLÓ SZARKA – ESZTER SZÜCS – GÁBOR TIMÁR – VIKTOR WESZTERGOM

Contemporary geodetical-geophysical results: unfolding the work of Eötvös

LÁSZLÓ KOVÁCS
From the Society of Natural Sciences to the Mathematical and Physical Society

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Book launch:
The Eötvös Loránd Memorial Album
26.11.2019



The editors (A Patkós, J Estók, G Gyáni, T Dobszay)
and the promoters (M Réthelyi, L Lovász, L Borhy)



28.11.2019

„High school students at the Academy”, 28.11.2019



The Eötvös Day (as Day of Science and Technology)
of the Czeplédi Péter Reformed High School
Levice/Léva, 29.11.2019





Eötvös 100 performance by students of the
Czeglédi Péter Reformed High School in Levice/Léva
(in the middle „Loránd” and „József”),
at the Academy Library, and their looking around
in the Academy Palace
05.12.2019





WORLD
SCIENCE
FORUM
BUDAPEST

EÖTVÖS 100 EVENTS
in Budapest, concomitant with the
World Science Forum and the
Feast of the Hungarian Science

*Roland
Eötvös*

COMMEMORATIVE YEAR
2019

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**EÖTVÖS 100 EVENTS IN
BUDAPEST, CONCOMITANT
WITH THE WORLD SCIENCE
FORUM AND THE FEAST
OF THE HUNGARIAN SCIENCE**

20 November **WEDNESDAY:**

**Eötvös 100 Special Session at the
World Science Forum** (in English,
Ceremony Hall, Hungarian Academy of
Sciences, 1051 Bp., Széchenyi tér 9.)

11:00–12:30 **"Eötvös 100": Outcomes of the
Eötvös 100 Commemorative
Year.** Moderators: **Kathryn Whaler**,
President of the International Union
of Geodesy and Geophysics, and
Alik Ismail-Zadeh, Secretary of
the International Science Council

11:00–11:10 **The Eötvös 100 Commemorative
Year** **László Szarka**, Chair of the
Eötvös 100 Coordination Team

11:10–11:30 **Stereoscopic photos by Roland
Eötvös and their digital conversion**
Zsolt Regály, CSFK Konkoly
Observatory

11:30–11:50 **Experiences and results from
re-running the Eötvös experiment**
Lajos Völgyesi, BME

11:50–12:00 **Discussion**

12:00–12:30 **Book launch: The Eötvös
experiment in its historical
framework** **Gábor Dávid**, Stony
Brook University, and **Jenő Súlyom**,
President of the Eötvös Loránd Physical
Society. Complimentary copies of the
English version will be made available
to participants of the Eötvös 100 Special
Session.

22 November **FRIDAY:**

**"Eötvös 100": A Temporary
Exhibition** (ELTE University Library,
1053 Budapest, Ferenciek tere 6.)

13:00–14:00 **Opening Ceremony of the
Eötvös 100 Exhibition** (in Hungarian)
Open on
22 November: 14:00–18:00,
23 November: 11:00–18:00,
25–29 November: 10:00–18:00

23 November **SATURDAY:**

**Finals of the "Roland Eötvös
Commemorative Competition"
for high schools** (Ceremony Hall,
Hungarian Academy of Sciences,
1051 Budapest, Széchenyi tér 9.)

10:00–16:00 **Invited guests only** (in Hungarian)

26 November **TUESDAY:**

The Roland Eötvös Memorial Album
(MTA Reading Room, 1051 Budapest,
Széchenyi tér 9.)

11:00–12:00 **Book Launch: The Roland Eötvös
Memorial Album**
(ceremony: in Hungarian)

11:00–11:05 **Welcome by** **László Szarka**, Chair,
Eötvös 100 Coordination Team

11:05–11:35 **Presentation of the album** **Gábor
Gyáni** and **András Patkós** co-editors

**PATRONS OF THE
COMMEMORATIVE YEAR:**

László Borhy Rector
of Eötvös Loránd University

Miklós Kásler Minister
of Human Capacities

László Lovász President
of the Hungarian Academy
of Sciences

László Palkovics Minister
of Innovation and Technology



MINISTRY
OF HUMAN
CAPACITIES



**WORLD
SCIENCE
FORUM
BUDAPEST**



PROJECT
FINANCED FROM
THE NRDI FUND

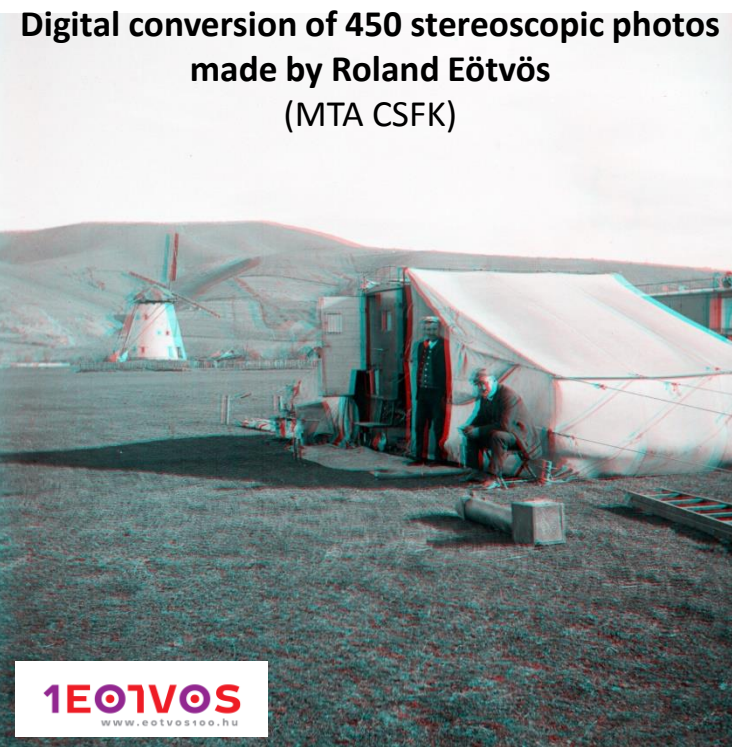


100th anniversary of **Roland Eötvös**
(1848–1919), physicist, geophysicist,
and innovator of higher education
Commemorated in association with UNESCO

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Eötvös 100 design:
Márton Juhász (jmtypography), Sopron

Further Eötvös 100 outcomes:

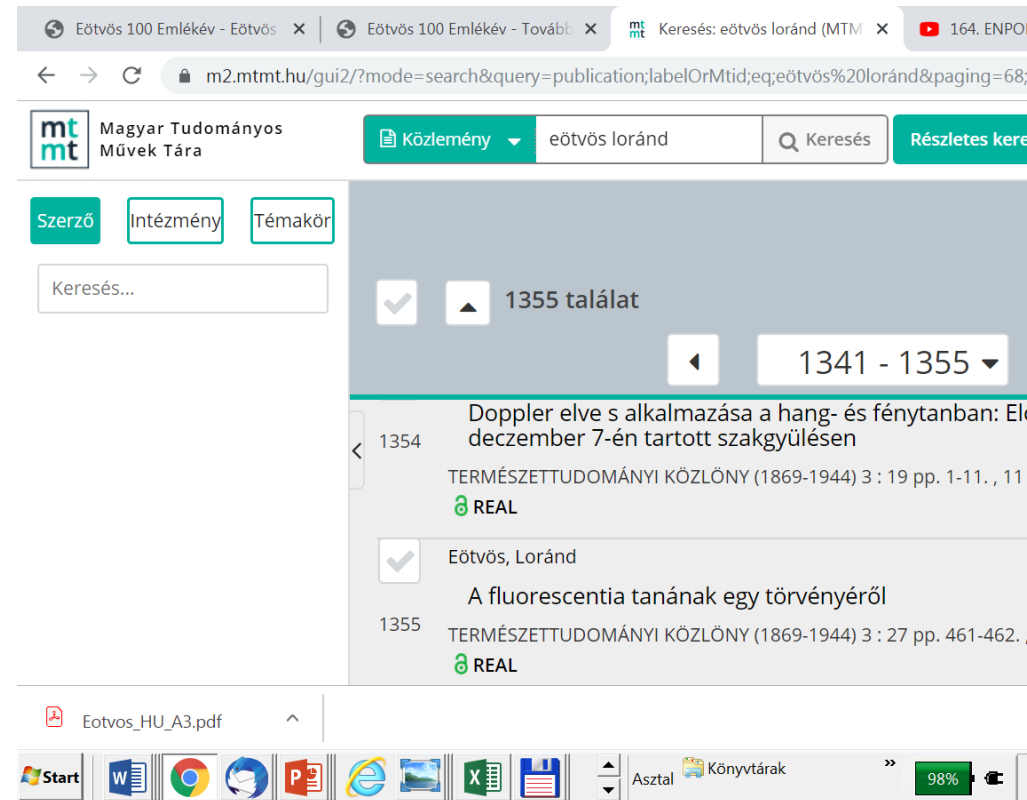


Re-running the Eötvös experiment (Wigner FK, BME)



The Eötvös experiment is one of the most important methods in searching new fundamental interactions

Publications by Eötvös and about Eötvös in MTMT (Hungarian Scientific Bibliography Database) (MTA KIK)



„As Baron Eötvös’ truths on gravitational force and surface tension will remain in a thousand years as true and valuable they are today, even when our actual concepts for the gravitation and for the smallest parts of the matter would happen to be disappeared.”

Sándor Mikola, 1929

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United Nations
Educational, Scientific and
Cultural Organization

Egyesült Nemzetek
Nevelésügyi, Tudományos és
Kulturális Szervezete

100th anniversary of Roland Eötvös
(1848-1919), physicist, geophysicist,
and innovator of higher education

Commemorated in association with UNESCO

Eötvös Loránd (1848-1919) fizikus,
geofizikus és a felsőoktatás
megújítójának 100. évfordulója

Az UNESCO-val közösen emlékezve

„So, finally, we must rest assured that science does not give the true explanation of natural phenomena, but only leads to the border where the elusive begins.”

Eötvös, 1877

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NATIONAL RESEARCH, DEVELOPMENT
AND INNOVATION OFFICE
HUNGARY

PROGRAM FINANCED
FROM THE NRDI FUND

MTA KIK partners:

BEAC, CSFK, ELFT, ELGA, ELTE, Kossuth Kiadó, MFT, MGE, MOM Alapítvány, MTE, SZTAKI, Wigner FK

Financial support for further projects: NKA and EMMI

info@eotvos100.hu