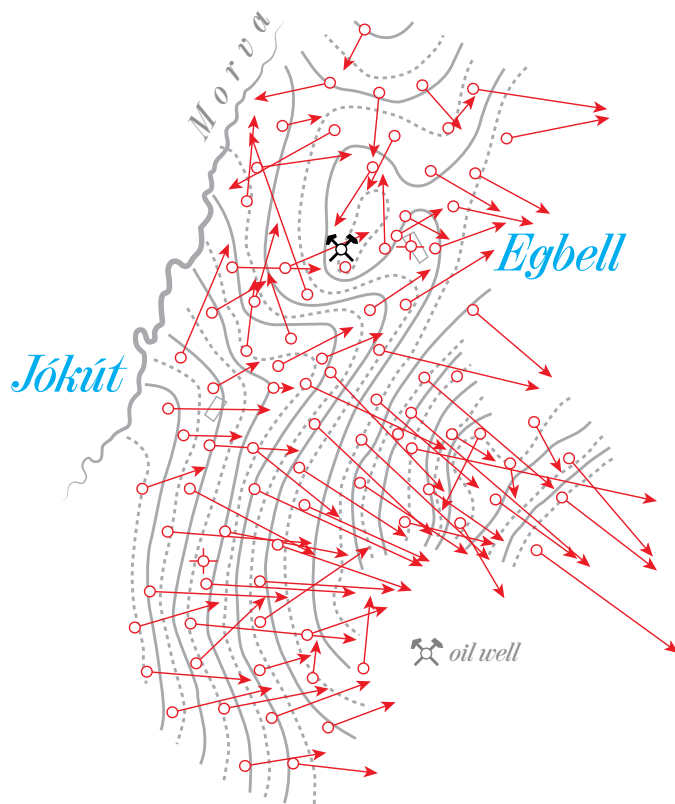




**17<sup>th</sup> October, 2019**  
Culture House, Gbely, Slovakia



Venue **Culture House, Gbely**  
Slovakia

Date **17<sup>th</sup> October, 2019**

9.00→10.00 *Registration*

10.00→10.10 **Opening** – **Gábor ZELEI**, *president, Association of Hungarian Geophysicists*

10.10→10.30 **Dream of Eötvös** – results of gravity and magnetic deep geological research – **János KISS**; **Zoltán SZABÓ** (*Mining and Geological Survey of Hungary*)

10.30→10.50 **The History of the Hydrocarbon Exploration in the Slovak part of the Vienna Basin** – **Branislav ŠÁLY**, *Head of exploration, Nafta a.s.*

10.50→11.10 **Vintage and modern gravity data in HC exploration** – **Bryan K. SRALLA**, *Managing Director, Central and Eastern European Region, Vermilion Energy*

11.10→11.30 **Surface expressions of deep structures of the Carpathian Bend Zone, Romania** – **Victor MOCANU**, *Professor of Geophysics and Dean of Geology & Geophysics, University of Bucharest*

11.30→11.50 **Gravity potential as a result of series expansion-based inversion of Eötvös pendulum data** – **Armand ABORDÁN** (*University of Miskolc*); **Mihály DOBRÓKA** (*University of Miskolc*); **Lajos VÖLGYESI** (*Department of Geodesy and Surveying, BME*)

11.50→12.10 **Revision of Bouguer gravity anomalies of Slovak Republic and interpretation of their enhanced higher derivatives** – **PAŠTEKA, R.**; **ZAHOREC, P.**; **SZALAIÓVÁ, V.**; **MIKUŠKA, J.**; **MARUŠIAK, I.**; **PAPČO, J.**; **KUŠNIRÁK, D.**; **BIELIK, M.**; **KRAJŇÁK, M.**; **PÁNISOVÁ, J.** (*Comenius University; Slovak Academy of Sciences; Slovak Technical University, G-trend Ltd., Bratislava*)

12.10→13.10 *Break (drink and canapés)*

13.10→13.30 **Study of the Lithosphere in the Carpathian-Pannonian Region: based on integrated interpretation of gravity field** – **BIELIK, M.**; **ZEYEN, H.**; **ALASONATI TAŠÁROVÁ, Z.**; **GOETZE, H.J.**; **LILLIE, J.R.**; **STAROSTENKO, V.**; **MAKARENKO, I.**; **LEGOSTEVA, O.**; **HORVÁTH, F.**; **PAŠTEKA, R.**; **DÉREROVÁ, J.**; **PÁNISOVÁ, J.**; **GRINČ, M.**; **ŠIMONOVÁ, B.**; **BALÁSZ, A.**; **ZALAI, Z.**; **HARANGI, S.** (*Comenius University; Slovak Academy of Sciences, Bratislava*)

13.30→13.50 **Significance and applicability of vertical gradients of gravity in 3D and 4D microgravimetry** – **VAJDA, P.**; **ZAHOREC, P.**; **PAPČO, J.**; **MIKUŠKA, J.**; **MARUŠIAK, I.**; **BILČÍK, D.**; **PAŠTEKA, R.**; **CARBONE, D.**; **GRECO, F.**; **CANTARERO, M.** (*Slovak Academy of Sciences; Slovak Technical University; G-trend Ltd.; Comenius University, Bratislava; INGV, Catania*)

13.50→14:10 **Experiences of the repeated Eötvös experiment** – **Lajos VÖLGYESI** (*Department of Geodesy and Surveying, BME*); **György SZONDY** (*independent researcher*); **Gyula TÓTH** (*Department of Geodesy and Surveying, BME, BME*); **Gábor PÉTER** (*Department of Control Engineering and Information Technology, BME*); **Bálint KISS** (*Department of Control Engineering and Information Technology, BME*); **Gergely BARNAFÖLDI** (*Wigner Research Centre for Physics*); **László DEÁK** (*Wigner Research Centre for Physics*); **Csaba ÉGETŐ** (*Department of Lower and Upper Geodesy, BME*); **Edit FENYVESI** (*Wigner Research Centre for Physics*); **Gyula GRÓF** (*Department of Energy Engineering, BME*); **László SOMLAI** (*Wigner Research Centre for Physics*); **Péter VÁN** (*Wigner Research Centre for Physics; Department of Energy Engineering, BME*)

14:10→14:50 **In the footsteps of Loránd Eötvös 3D photography** – **Zsolt László MÁRKUS**, (*Institute for Computer Science and Control*)

14.50→15.10 **2019: The Roland Eötvös Commemorative Year** – **László SZARKA, O.M.**, *president, Eötvös 100 Coordination Committee*

15:10→15.20 **Closing** – **Jozef LEVOČA**, *E&P Division director, Nafta a.s.*

# 1EÖTVÖS

[www.eotvos100.hu](http://www.eotvos100.hu)



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



NATIONAL RESEARCH, DEVELOPMENT  
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