

PROGRAMME

27. 03. 2014. FRIDAY

9³⁰ - 9⁴⁰ OPENING

9⁴⁰ - 11¹⁵ 1ST SESSION

11³⁰ - 13⁰⁵ 2ND SESSION

13¹⁵ - 13⁵⁰ POSTER SESSION – SHORT ORAL SUMMARIES

14⁰⁰ - 15⁰⁰ LUNCH

15⁰⁰ - 17⁰⁰ 3RD SESSION

17¹⁵ - 18⁵⁰ 4TH SESSION

18⁵⁰ - 19⁴⁵ POSTER SESSION – DISCUSSION

19⁴⁵ - DINNER

28. 03. 2014. SATURDAY

8⁴⁵ - 10⁰⁵ 5TH SESSION

10³⁵ - 12¹⁰ 6TH SESSION

12²⁵ - 13⁴⁵ 7TH SESSION

14⁰⁰ - 15⁰⁰ LUNCH

15¹⁵ AWARD GIVING AND CLOSING CEREMONY

FRIDAY

9³⁰

OPENING

9⁴⁰-11¹⁵

1ST SESSION

9⁴⁰

Neogene hydrocarbon potential in the Hungarian part of the Danube basin

T

János Csizmeg¹, Béla Márton², Árpád Szalay³, István Vető⁴, Gábor Varga⁵, Michael Pepper⁶

¹Hungarian Horizon Energy Ltd., Budapest, Hungary, ²San Leon Energy Plc., Warsaw, Poland, ³Szolnok, Hungary, ⁴Budapest, Hungary, ⁵Oil & Gas Development Ltd., Budapest, Hungary, ⁶Aspect Energy Llc., Denver, USA

9⁵⁵

Petrographic evaluation of diagenetic components in Lower Miocene sandstone (Kishartyán, Northern Hungary)

T

Emese Szőcs

Department of Physical and Applied Geology, Eötvös University

10¹⁰

Mineralogical and geochemical study of manganese ores in the Eplény Manganese Deposit, Hungary

T

Richárd Zoltán Papp¹, Norbert Zajzon¹, Tamás Vigh²

¹University of Miskolc, Department of Mineralogy and Petrology, ²Manganese Mining and Processing Ltd., Úrkút

10²⁵

Geomorphological evolution of Velence Hills

T

Nikolett Csorvási

Eötvös Lóránd University

10⁴⁰

Relevance of brittle fault zones in a fractured hydrocarbon reservoir at the metamorphic basement of Pannonian Basin, SE Hungary

A

László Molnár

Department of Mineralogy, Geochemistry and Petrology, University of Szeged, Szeged; Smaragd-GSH Ltd., Budapest

10⁵⁵

DISCUSSION

11¹⁵-11³⁰

COFFEE BREAK

11³⁰-13⁰⁵ 2ND SESSION

- 11³⁰
T *Lake Pannon deltaic deposits in Gerecse Hills, Hungary*
**István Róbert Bartha¹, I. Magyar², L. Fodor³, G. Csillag⁴,
Z. Lantos⁴, L. Tőkés¹, O. Sztanó¹**

¹Dept. of Physical and Applied Geology, ELTE, ²Research Group for Paleontology, HAS, Hungarian Natural History Museum, ELTE, ³MTA-ELTE Geological, Geophysical and Space Sciences Research Group at ELTE, ⁴Geological and Geophysical Institute of Hungary Research Group at ELTE

- 11⁴⁵
A *Geoelectrical measurements in the northwestern Gerecse Mts., Hungary: geological and structural results*
Zsófia Zalai, András Kovács
ELTE, Dept. of Geophysics and Space Science, Budapest, Hungary

- 12⁰⁰
T *Pannonian abrasion or tsunami? Sedimentology of a conglomerate from Dunaszentmiklós*
Soma Budai, Judit Nadrai
ELTE Department of Physical and Applied Geology

- 12¹⁵
A *Combined capillary curves – a new approach*
István Nemes
MOL Plc.

- 12³⁰
A *Introduction of a Pre-Stack seismic interpretation on a domestic region*
Csilla Kalmár
MOL Plc.

- 12⁴⁵ DISCUSSION

- 13⁰⁵-13¹⁵ COFFEE BREAK

13¹⁵-13⁵⁰ POSTER SESSION – short oral summaries

Regional geological model of the Drava basin, based on seismic and borehole data

László Bereczki^{1,2}, Dénes Gärtner³, Árpád Dudás¹, Gábor Markos², Zoltán Friedl⁴

¹Dept. of Geophysics and Space Science, ELTE, ²Dept of Geological Research, Geological and Geophysical Institute of Hungary, ³Geo-Log, Geophysical & Environmental Ltd., ⁴Institute of Geodesy, Cartography and Remote Sensing

The position and structural evolution of the Veszprém thrust in the light of new field data (Veszprém plateau, Hungary)

Ádám Lajos Csicsek

ELTE TTK, Dept. of Physical and Applied Geology

Groundwater flow and heat transport in Buda Thermal Karst

Róbert Farkas

Eötvös Loránd University, Department of Geophysics and Earth Science, Budapest

Stoneley permeability estimation in domestic hydrocarbon reservoirs

Csilla Kalmár

MOL Plc.

Fluid inclusion study of halite from Praid (Transylvania)

Orsolya Renáta Kátai¹, Attila Tóth², Réka Káldos¹

¹Lithosphere Fluid Research Lab, Eötvös Loránd University, Budapest,

²SAPIENTIA Hungarian University of Transylvania, Cluj-Napoca

Structural and Hydrogeological Analysis of the Kádárta Waterworks and the Surrounding Area using Near-surface Geophysical Methods

Lukács Benedek Kuslits

Eötvös Loránd University, Budapest

Thomeer - evaluation of mercury capillary curves

István Nemes

MOL Plc.

Petrophysical challenges in Hungarian Metamorphic reservoirs

Anikó Noémi Paripás

MOL Plc., E&P GOG Petrophysics

Determination of hydraulic conductivity based on unconventional CPTe data in a contaminated test site

Dorottya Polgár

Geological and Geophysical Institute of Hungary

*Segmented normal fault geometries interpreted in the
“Dogger quarry”, Gerecse Hills, Hungary*

Balázs Soós

Eötvös Lóránd University, Department of General and Applied Geology,
MTA-ELTE Geological, Geophysical and Space Science Research Group

*Possibility of detection organic contamination in alluvial
sediments*

Vera Szabó

Eötvös Loránd University, Department of Geophysics and Space Science

14⁰⁰-15⁰⁰ LUNCH BREAK

15⁰⁰-17⁰⁰ 3RD SESSION

15⁰⁰ *An environmental hisctorical reconstruction of the Sárvíz
region*

**A Vivien Pacskó¹, Balázs Székely^{1,2,3}, Máté Stibrányi⁴,
Zsófia Koma¹**

¹Dept. of Geophysics and Space Science, ELTE, ²Interdisziplinäres Ökologisches
Zentrum, TU Bergakademie Freiberg, ³Dept. of Geodesy and Geoinformation, TU
Vienna, ⁴Gyula Forster National Centre for Cultural Heritage Management

15¹⁵ *High resolution mineralogical investigation in the Tölgyhát
Quarry, Gerecse Hills, Hungary*

T Máté Zs. Leskó, Norbert Zajzon

University of Miskolc, Department of Mineralogy and Petrology

15³⁰ *Surface wave analysis on archive seismic records*

A Gábor Taller

Geological and Geophysical Institute of Hungary

15⁴⁵ *Formation of the fluorite veins of Pécsely (Balaton
Highland, Hungary)*

**T Zsuzsa Molnár¹, Gabriella B. Kiss¹, István Dódoni¹,
Federica Zaccarini²**

¹Dept. of Mineralogy, ELTE; ²Dept of Applied Geosciences and Geophysics,
University of Leoben, Leoben, Austria

16⁰⁰ *Increasing efficiency of the calibration process in case of
pressure probes*

A Lénárd Pál

Geo-Log Ltd.

16 ¹⁵	<i>Late Badenian Echinoderms in the region of Budapest</i>
T	Bálint Polonkai ELTE-TTK Department of Paleontology
16 ³⁰	DISCUSSION
17 ⁰⁰ -17 ¹⁵	COFFEE BREAK
17¹⁵-18⁵⁰	4TH SESSION
17 ¹⁵	<i>Evaluation of borehole televiwer (BHTV) data, borehole BAF-2, SW Hungary: what is it good for?</i>
A	Eszter Békési Eötvös Loránd University, Faculty of Science
17 ³⁰	<i>Cretaceous folding of the Keszthely Hills and the northern part of the Zala Basin</i>
T	Gábor Héja Eötvös Loránd University Department of General and Applied Geology
17 ⁴⁵	<i>Structural development of the Drava basin and the relating gas/oil fields in the Barcs region</i>
A	Rebeka Oross Department of Physical and Applied Geology, ELTE, Budapest, Hungary
18 ⁰⁰	<i>Basin model of the west part of the Hungarian Paleogene Basin</i>
T	Zsolt Nagy MOL Plc.
18 ¹⁵	<i>Basin model of the Neogene sediments of a hydrocarbon exploration area, southern part of the Great Hungarian Plain – case study</i>
A	Edina Pável¹, Viktor Lemberkovics² ¹ Department of Physical and Applied Geology, Eötvös Loránd University, Budapest, Hungary, ² RAG Hungary Ltd., Budapest, Hungary
18 ³⁰	DISCUSSION
18⁵⁰-19⁴⁵	POSTER SESSION – discussion
19 ⁴⁵ -	DINNER

SATURDAY

8⁴⁵-10⁰⁵ 5TH SESSION

8⁴⁵ *Formation conditions of the Reppia VMS deposit in the Northern Apennine ophiolites, Italy*

T **Zsuzsanna Kapui**¹, Gabriella B. Kiss¹, Giorgio Garuti², Federica Zaccarini²

¹Department of Mineralogy, Eötvös Loránd University Budapest, Hungary,

²Department of Applied Geosciences and Geophysics, University of Leoben, Austria

9⁰⁰ *Petrophysical Modeling and Fault Seal Analysis in the Reservoir Characterization*

A **Brigitta Szabó**

Schlumberger, Oilfield Services – SIS, EAF - CEU

9¹⁵ *Analysis of the karst system of the Bükk region (Hungary) using radionuclides as natural tracers and multivariate data analysis*

A **Katalin Csondor**¹, Anita Eröss¹, József Kovács¹, Edit Borbás², Heinz Surbeck³, Judit Mádl-Szőnyi¹, Ákos Horváth⁴, László Lénárt⁵

¹Dept. of Physical and Applied Geology, ELTE; ²Institute of Mathematics and Informatics, Szent István, Gödöllő; ³Swiss Federal Institute of Technology, Zurich; ⁴Dept. of Atomic Physics, ELTE; ⁵Dept. of Hydrogeology and Engineering Geology, University of Miskolc

9³⁰ *Microfacies associations and depositional environment of the Triassic slope and basinal deposits (Aggtelek–Rudabánya Hills, NE Hungary)*

T **Balázs Horváth**¹, Kinga Hips²

¹Eötvös Loránd University, Department of Physical and Applied Geology,

²MTA-ELTE Geological, Geophysical and Space Science Research Group

9⁴⁵ DISCUSSION

10⁰⁵-10³⁵ COFFEE BREAK AND CHECK-OUT FROM THE ROOMS

10³⁵-12¹⁰ 6TH SESSION

10³⁵ *Reaction of clay standards with carbon dioxide saturated water at 70-180 bars and 85-100 °C*

A Eszter Sendula^{1,3}, Mariann Páles¹, Barbara Péter Szabó², Ágnes Freiler³, Csilla Király¹

¹Lithosphere Fluid Research Lab, Institute of Geography and Earth Sciences, Eötvös University, Budapest, Hungary, ²Budapest University of Technology and Economics, Budapest, Hungary, ³Geological and Geophysical Institute of Hungary, Budapest, Hungary

10⁵⁰ *Quantitative mineralogical analysis of the Úrkút Mn-carbonate ore*

T Attila Horváth¹, Norbert Zajzon¹, Tamás Vigh²

¹University of Miskolc, ²Mangán Ltd.

11⁰⁵ *Dendrochemical studies in Ajka and its surrounding*

A Szilvia Koczur¹, Péter Völgyesi²

1ELTE TTK Lithosphere Fluid Research Lab, Institute of Geography and Earth Sciences, Eötvös University, 2ELTE TTK Lithosphere Fluid Research Lab, Institute of Geography and Earth Sciences, Eötvös University

11²⁰ *Investigating mantle heterogenities by X-ray microtomography in upper mantle xenoliths from Mindszentkál (Bakony-Balaton Highland, Western Pannonian Basin)*

T Zoltán Kovács¹, Levente Patkó¹, Laura Creon-Bocquet²

¹Lithosphere Fluid Research Lab, Department of Petrology and Geochemistry, Institute of Geography and Earth Sciences, Eötvös University, Budapest, Hungary, ²IFP Energies nouvelles – Geosciences, Rueil-Malmaison, France

11³⁵ *Study of error propagation in NMR well logging data inversion*

T Tamás Lukács, László Balázs, Péter Filipzski

Eötvös Loránd University

11⁵⁰ DISCUSSION

12¹⁰-12²⁵ COFFEE BREAK

12²⁵-13⁴⁵ 7TH SESSION

12²⁵ *HR-Raman spectroscopic and FIB-SEM analyses of carbonate melt inclusions from Kerimasi volcano (Tanzania)*

A Réka Káldos¹, Tibor Guzmics¹, Tamás Vácsi², Adrienn Baris³, Márta Berkesi¹, Károly Havancsák⁴, Zoltán Dankházi⁴

¹Lithosphere Fluid Research Lab, ELTE, Budapest, ²Department of Mineralogy, ELTE, Budapest, ³Department of Materials Physics, ELTE, Budapest, ⁴ELTE Faculty of Science Research and Instrument Core Facility, Budapest

12⁴⁰ *How to determine the exact attitude and position of an unmanned vehicle?*

A Ádám Domján

MinGeo Kft.

12⁵⁵ *Investigation of the RedGold ore deposit and its comparison with the Woodjam and the Mount Polley ore deposits (British Columbia, Canada)*

A Domokos Pásztor

ELTE Geology

13¹⁰ *Correcting resolution of gamma ray logs with deconvolution based on Monte-Carlo simulation*

T Márton Kemény, László Balázs, Zoltán Teczely

BME Department of Geodesy and Surveying

13²⁵ **DISCUSSION**

14⁰⁰-15⁰⁰ **LUNCH BREAK**

15¹⁵ **AWARD GIVING AND CLOSING CEREMONY**