

## International conference „Environmental safety issues in EU programmes”

Patron of the conference: *Ildikó Pelczné Gáll dr. - vice-president of the European Parliament*

Date: **19-20 October 2015 (Monday-Tuesday)**

Venue: **Miskolc-Lillafüred, Hunguest Hotel Palota**

### Programme

#### 19th October 2015 (Monday)

Time	Duration	Event
09:00-10:00	60 min	<b>Registration</b>
<b>Plenary sessions</b> Moderator: István Lakatos Dr. prof.		
10:00-10:10	10 min	<b>Welcome speech</b> <i>Ildikó Pelczné Gáll PhD (Vice-president of the European Parliament - Video)</i>
10:10-10:20	10 min	<b>Welcome speech by the rector</b> <i>Tamás Madarász PhD (University of Miskolc)</i>
10:20-10:50	30 min	<b>Technological Options of Carbon Capture</b> <i>István Lakatos Dr. prof. (Research Institute of Applied Earth Sciences)</i>
10:50-11:15	25 min	<b>Geothermal Heating and Cooling in Europe. How to become a world leader?</b> <i>Miklós Antics PhD prof. (EGEC)</i>
11:15-11:40	25 min	<b>Energetic developments of Miskolc City</b> <i>Péter Kókai (MIHŐ Ltd.)</i>
11:40-12:00	20 min	<b>Laboratory evaluation of biocatalyzed silicate gel intended for use in geothermal industry</b> <i>PhD Sławomir Falkowicz (Oil and Gas Institute – NRI)</i>
12:00-13:30	90 min	<b>LUNCH</b>

Time	Duration	Event
<b>Section 1: Research on environmental safety of storage of carbon dioxide in geological formations</b>		
Moderator: László Tihanyi Dr. (University of Miskolc)		
13:30-13:50	20 min	<b>Carbon Capture and Storage Possibilities in Hungary</b> <i>Péter Kubus (MOL Group)</i>
13:50-14:10	20 min	<b>Environmental safety of CO2 storage in geological formations: national research project</b> <i>Ágnes Szamosfalvi Dr. (Geological and Geophysical Institute of Hungary)</i>
14:10-14:30	20 min	<b>The Lacq CCS pilot project – a guide for a Hungarian project</b> <i>László Tihanyi Dr. (University of Miskolc)</i>
14:30-14:50	20 min	<b>Current situation of Carbon Capture and Storage (CCS) technologies in power plants</b> <i>Klaudia Buzea (Budapest University of Technology and Economics)</i>
14:50-15:20	30 min	<b>Coffee break</b>
<b>Section 2: Research on environmental safety of underground geothermal energy production</b>		
Moderator: Anikó Tóth dr. (University of Miskolc)		
15:20-15:40	20 min	<b>Geoenergetics in Poland</b> <i>Tomasz Śliwa, Aneta Sapińska-Śliwa (AGH University of Science and Technology)</i>
15:40-16:00	20 min	<b>Research and Innovation in Geothermal of Hungary</b> <i>Elemér Bobok Dr. prof. (University of Miskolc)</i>
16:00-16:20	20 min	<b>Drilling Rock Formations with Laser - an Innovative Way to Complete Geothermal Wells</b> <i>Péter Bajcsi PhD (ZerLux Hungary Ltd.)</i>
18:00-19:00	60 min	<b>DINNER</b>

20th October 2015 (Tuesday)

Time	Duration	Event
10:00-11:40	100 min	<b>Environmental safety issues in EU programmes ROUND TABLE discussion</b> <i>Moderator: Ferenc Kovács prof. Dr. (University of Miskolc)</i>
		<i>Participants:</i> Zoltán Bohus ( <i>Bo-To Bau Ltd.</i> ) Gábor Szita ( <i>HGA</i> ) Viktor Tábor ( <i>ZerLux Hungary Ltd.</i> ) Viktor Sőreg ( <i>MOL Group</i> ) Tibor Ördög ( <i>MOL Group</i> )
12:00-13:30	90 min	<b>LUNCH</b>