

# Waste Recycling 20

## CONFERENCE PROGRAM

Thursday, December 7, 2017, Lecture Hall PROMATECH, Watsonova 47, Košice		
<b>09:00 – 10:00</b>	<b>Registration</b>	
10:00 – 10:10	<b>Welcome to WR20</b>	Miroslava VÁCLAVÍKOVÁ
10:10 – 10:50	<b>Invited lecture</b> Landfill Mining in Hungary. Is it Possible? (EU H2020 Smart Ground Project )	Ljudmilla BOKÁNYI
10:50 – 11:20	Application of Innovative Processes for the Exploitation of Mining Waste	Stefano UBALDINI
<b>11:20 – 11:50</b>	<b>Coffee break</b>	
11:50 – 12:10	Dismantling and Recycling of End of Life Large Commercial Vehicles	Sándor NAGY
12:10 – 12:30	Application of Microwave Energy at Treatment of Various Kinds of Wastes	Silvia DOLINSKÁ
12:30 – 12:50	Biohydrometallurgical Treatment of Spent Alkaline and Zinc-Carbon Batteries	Alena LUPTÁKOVÁ
<b>13:00 – 14:00</b>	<b>Lunch</b>	
14:00 – 14:20	Functionalized Magnetic Silica with Complexing Groups as Effective Solid Phase Adsorbents	Inna MELNYK
14:20 – 14:40	Synthesis and Characterization of Graphene for Wastewater Treatment Applications	Dominika BEHUNOVÁ
14:40 – 15:00	Degradation of Phenols from Wastewaters by Aerobic and Anaerobic Bacteria - A Review	Dominika RUDZANOVÁ
<b>15:00 – 15:20</b>	<b>Coffee break</b>	
15:20 – 15:40	Effect of Slag Addition on Final Strengths of Fly Ash Based Geopolymers	Michal MARCIN
15:40 – 16:00	Identification of Organic Pollutants in Groundwater Samples Contaminated by Waste Materials from Chemical Production	Dávid JÁGER
16:00 – 16:20	Direct Analysis of the Metal Contaminants in Wines and Surface Water of the Chosen Region	Gergő BODNÁR
16:20 – 17:00	Poster session	
17:00	Closing of Waste Recycling 20	Miroslava VÁCLAVÍKOVÁ
<b>19:30</b>	<b>Dinner at Pivovar Hostinec, Hlavná 65, Košice</b>	

List of Posters	
Recycling of Spent Nickel Catalyst Used in Hydrodechlorination of Hazardous Chlorinated Aromatic Compounds	Tomáš WEIDLICH, Barbora KAMENICKÁ, Petra MASÁROVÁ
Energy Potential of Ornamental Trees Leaves	K. KRUPA-ŽUCZEK, Anna K. NOWAK, Z. WZOREK, K. GORAZDA
Management of Residues after the Pressing of Seeds of Oil Plants	E. SKRZYNSKA, A. WONDOLOWSKA-GRABOWSKA, K. KRUPA-ŽUCZEK, Anna K. NOWAK, Z. WZOREK
Sampling and Analysis of Printed Circuit Boards	Martina LAUBERTOVÁ, Jarmila TRPČEVSKÁ, Marcela MALINDŽÁKOVÁ
Utilization of Wastes and Their Mixtures in Technical Land Reclamation	Vladimír ČABLÍK, Iva JANÁKOVÁ, Miluše HLAVATÁ, Barbara TORA
Flotation of Polymetallic Ores	JANÁKOVÁ Iva, VRLÍKOVÁ Věra