

Energy, Fuels and Environment (EFE 2022) 23.09.2022

Room 31, building A0

<i>No</i>	<i>Time</i>	<i>Authors</i>	<i>Institution</i>	<i>Topic</i>
<i>Environment</i>				
<i>Chairmen: Prof. Konrad Świerczek</i>				
1	9²⁰-9⁵⁰	<u>Jarosław Zuwała</u>, Sławomir Stelmach	Institute for Energy and Fuel Processing Technology, Zabrze, Poland	<i>ITPE experience in the field of CCS/CCU (keynote)</i>
2	9⁵⁰-10²⁰	<u>Adam Smoliński</u>, Natalia Howaniec	Central Mining Institute, Katowice, Poland	<i>Green hydrogen production in co- gasification of biowaste and sewage sludge (keynote)</i>
3	10²⁰-10⁴⁰	<u>Agata Łamacz</u>, Paulina Jagódka, Mahima Kamra	Department of Engineering and Technology of Chemical Processes, Wrocław University of Science and Technology, Poland	<i>Methane conversion with carbon dioxide over CNT supported catalysts</i>
4	10⁴⁰ – 11⁰⁰	<u>Piotr Żarczyński</u>, Krzysztof Kogut	ArcelorMittal Poland, Progress Office, Poland AGH University of Science and Technology, Faculty of Energy and Fuels, Poland	<i>Reduction of NOx emissions during combustion of coke oven gas in a large combustion plant</i>
<i>Coffee break 11⁰⁰-11²⁰</i>				

Chairmen: dr. Bogdan Samojeden; dr. Agata Łamacz

5	11 ²⁰ -11 ⁴⁰	<u>Dorota Koruba</u>	Politechnika Świętokrzyska, Wydział Inżynierii Środowiska, Geomatyki i Energetyki	<i>The impact of CO₂ on the population of mold fungi in the outdoor air and closed spaces in terms of climate change</i>
6	11 ⁴⁰ -12 ⁰⁰	<u>Jakub Szczurowski</u> , Leszek Czepirski, Mieczysław Bałys, Ewelina Brodawka, Katarzyna Zarębska	AGH University of Science and Technology, Cracow, Poland	<i>Mercury removal from flue gases by adsorption processes using carbon-based sorbents</i>
7	12 ⁰⁰ -12 ²⁰	<u>Filip Jędrzejek</u> , Katarzyna Szarłowicz, Marcin Stobiński	AGH University of Science and Technology, Cracow, Poland	<i>Effect of bedrock on the content of naturally occurring radionuclides in soils</i>
8	12 ²⁰ -12 ⁴⁰	<u>Patryk Weisser</u> , Andrzej Blachowicz	BSSTC.PL sp. z o.o., Dąbrowa, Poland	<i>Kompaktowe stacje pomiarowo – integrujące All-in-One w ramach Systemu Zarządzania BMS Economic Health</i>
9	12 ⁴⁰ Flash oral session	<u>Agnieszka Szymaszek-Wawryca</u> , Urbano Díaz, Bogdan Samojeden, Monika Motak	AGH University of Science and Technology, Cracow, Poland	<i>Catalytic performance of Fe-modified delaminated zeolite in selective catalytic reduction of nitrogen oxides with ammonia</i>
10	6/7 min/speech	<u>Minh Nguyen-Quang</u> , Federico Azzolina-Jury, Bogdan Samojeden, Monika Motak, Patrick Da Costa	Laboratoire Catalyse et Spectrochimie (LCS), CNRS-ENSICAEN-Université de Caen, France, AGH University of Science and Technology, Cracow, Poland	<i>NiMgAl mixed-oxides catalysts derived from hydrotalcites for efficient CO₂ methanation under both thermal and plasma conditions</i>

			Institut Jean le Rond d'Alembert, Sorbonne Université, France	
11		<u>Jagoda Worek</u> , Ewa Gawlak, Kamil Kawoń, Joanna Chwiej, Katarzyna Styszko	AGH University of Science and Technology, Cracow, Poland	<i>Microplastic content in stabilized sewage sludge</i>
12		<u>Wioleta Bolesta</u> , Marcin Głodniok, Barbara Kasprzyk-Hordern, Katarzyna Styszko	AGH University of Science and Technology, Poland Water and Sewage Company in Żory, Poland Central Mining Institute, Katowice, Poland	<i>Agricultural fertilizers produced from sewage sludge - aspect of the presence of pharmaceuticals</i>
13		<u>Alicja Skiba</u> , Zbigniew Gorczyca, Mirosław Zimnoch, Katarzyna Styszko, Kazimierz Różański	AGH University of Science and Technology, Poland	<i>Source apportionment of carbonaceous particulate matter (PM₁ and PM₁₀) collected in Kraków based on the carbon isotope analyses</i>
14		<u>Magdalena Saramok</u> , Marek Inger, Katarzyna Antoniak-Jurak, Bogdan Samojeden, Monika Motak	Łukasiewicz—New Chemical Syntheses Institute, Puławy, Poland AGH University of Science and Technology, Poland	<i>NO_x removal in a nitric acid plant by the SCR process</i>
	13:20 Closing ceremony 13:30 Lunch			

