



# III International Scientific Conference on “Sustainable and Efficient Use of Energy, Water and Natural Resources”

## Thursday, April 22, 2021

### Clean Technologies: 1 - 1222 (2:00 PM - 5:00 PM)

-Conveners: Marzhan Sadenova

time	[id] title	presenter
2:00 PM	[M0] Wacker-type oxidation of fatty acids and derivatives	Ms SVETLANA, Gustyakova
2:15 PM	[M11] Kinetic study of waste PET depolymerization by crude glycerol	Mr DZHABAROV, Georgy
2:30 PM	[M14] THE TECHNICAL CASE FOR ZERO RESIDUE TECHNOLOGY FOR ASBESTOS WASTE PROCESSING	DUISEBAYEV, Baurzhan
2:45 PM	[M7] ALIGNMENT THE DIGITAL ECONOMY WITH THE CIRCULAR ECONOMY PRINCIPLES	Mrs KANTSULINA, Anastasiia
2:55 PM	[M9] Синтез и функциональные свойства неграфитизируемого углерода и углеродных композитов на его основе для металл-ионных аккумуляторов	Mr LAKIENKO, Grigorii
3:05 PM	[M41] BioDom. Autonomous residential module + smart greenhouse, bio-vegetation.	TEMEROV, Andrey
3:20 PM	[M08] Environmental and economic analysis of alternative powering options for coastal vessels with respect to future emission reduction targets	VLADIMIR, Nikola
3:40 PM	[M69] Use, creation and evaluation of biodegradable materials	Ms KUZNETCOVA, Anna
3:50 PM	[M02] Платиновые катализаторы на различных подложках	Dr PINCHUK, Olga
4:00 PM	Coffee break	
4:20 PM	[M22] ИСПОЛЬЗОВАНИЕ БИОЭЛЕКТРОХИМИЧЕСКОГО ПОТЕНЦИАЛА ДЛЯ ОЦЕНКИ ФУНКЦИОНАЛЬНОГО СОСТОЯНИЯ ДРОЖЖЕЙ	Mr MURIK, Sergey
4:40 PM	[M64] MOLECULAR-IMPRINTED COMPOSITE MATERIALS WITH IMPROVED OPTICAL PROPERTIES FOR PHOTOVOLTAIC CELLS	Dr PETROVA, Yuliya

## Friday, April 23, 2021

### Clean Technologies - 1221 (11:30 AM - 1:00 PM)

-Conveners: Marzhan Sadenova; Sergey Romanenko

time	[id] title	presenter
11:30	[105] Construction materials from waste polymetallic ores of Kazakhstan	SADUAKASSOVA, Aigul
11:45	[107] Total Site Hydrogen Integration and Waste Hydrogen Purification for Minimising the Fresh Hydrogen Consumption	Ms GAI, Limei
12:00	[108] Реализация в химической промышленности тренда низкоуглеродного развития	Mrs КУДРЯВЦЕВА, Евгения
12:15	[101] Улучшение показателей водостойкости фенолоформальдегидной смолы с использованием биофенолов полученных из жидких продуктов пиролиза древесных отходов	Mrs VALEEVA, Aigul
12:30	[103] Recovery of silver from electronic scrap (methods, features and prospects)	SHOSHAY, ZHANSERIK