



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

## Thursday, April 22, 2021

### Environmentally-Friendly Energy Conversion and Supply: 1 - 1223 (2:00 PM - 5:00 PM)

-Conveners: Kirill Larionov; Vladimir Gubin

time	[id] title	presenter
2:00 P	[188] Biogas reforming and bi-reforming of methane over composite materials prepared by combustion synthesis	TUNGATAROVA, Svetlana
2:20 P	[138] Mathematical simulation of the flux of the solar radiation coming to the collector	KHOREVA, Valentina
2:35 P	[11] Математическая модель горения капли композиционного топлива на основе промышленных и коммунальных отходов	Ms PAUSHKINA, Kristina
2:50 P	[14] Comprehensive study of the efficiency of pellets production	Prof. LYUBOV, Viktor
3:05 P	[10] Energy saving technologies at oilfield facilities	Prof. ULYASHEVA, Vera Mr PONOMAREV, Nikolai
3:20 P	[17] REORGANIZATION OF INDUSTRIAL TERRITORIES IN THE CONTEXT OF URBAN DEVELOPMENT	Ms TAUBERT, Eugenia
3:35 P	[18] RESEARCH OF THE COMPLEX MOBILE INDEPENDENT POWER STATION FOR THE POWER SUPPLY OF THE FACILITIES, LOCATED IN RECREATIONAL AREAS	Dr TUNIK, Alexander
4:15 P	[117] Исследование методов экстракции углеводов из биомассы микроводорослей для получения биоэтанола / Investigation of methods for extracting carbohydrates from microalgae biomass to produce bioethanol	Mr NIKOLAEV, Evgeniy MOLODKINA, Nelli MAKSIMENKO, Nadezhda
4:30 P	[196] ADAPTIVE SWITCHING SYSTEM OF SOLAR POWER STATION	DIVNENKO, Alexey.
4:45 P	[13] Combined alternative power sources for offshore oil and gas fields	Mr SHAFHATOV, Ershat

## Friday, April 23, 2021

### Environmentally-Friendly Energy Conversion and Supply: 2 - 1226 (9:30 AM - 1:00 PM)

-Conveners: Vladimir Gubin

time	[id] title	presenter
9:30 AM	[M39] The complex research on the technical conditions of energy application of wood pyrolysis bio-oil	SLYUSARSKIY, Konstantin
10:05 AM	[M4] Environmentally-Friendly Energy Conversion Systems with Hydroelectric Power Plant for Low Stream	Dr POSPELOVA, Irina
10:20 AM	[M3] Development of a model of the control process for the operation of a steam generator plant based on methods of fuzzy logic in conditions of uncertainty	Mr KLIMENKO, Yuri
10:35 AM	[M0] Ресурсоэффективная технология газификации угля и отходов угольной промышленности с получение водородсодержащего синтез-газа и утилизацией CO2	REEF , Anastasia
10:50 AM	[M8] Study of the physical and chemical characteristics of biochar obtained by steam gasification of beer industry waste	Mr KALTAEV, Albert
11:05 AM	Coffee break	
11:20 AM	[M] Проектирование системы электроснабжения района с интеграцией объектов водородной энергетики.(Design of the district power supply system with the integration of hydrogen energy facilities)	Mr GOLOBOKOV, Sergei
11:35 AM	[M] ПРИМЕНЕНИЕ ОБЪЕКТОВ РАСПРЕДЕЛЕННОЙ ГЕНЕРАЦИИ ДЛЯ ЭЛЕКТРОСНАБЖЕНИЯ ПРОМЫШЛЕННОГО ПРЕДПРИЯТИЯ (APPLICATION OF DISTRIBUTED GENERATION FACILITIES FOR POWER SUPPLY OF AN INDUSTRIAL ENTERPRISE)	Mrs STEPANOVA, Kristina
11:50 AM	[M] WORK EFFICIENCY RADIAL POWER SUPPLY SYSTEM	CHETYRKINA, Alina

### Environmentally-Friendly Energy Conversion and Supply: 3 - 1226 (2:00 PM - 3:00 PM)

-Conveners: Kirill Larionov; Vladimir Gubin

time	[id] title	presenter
2:00 PM	[M51] ПЕРСПЕКТИВЫ (ОСОБЕННОСТИ) ИСПОЛЬЗОВАНИЯ ВОЗОБНОВЛЯЕМЫХ ИСТОЧНИКОВ ЭНЕРГИИ И ЭЛЕКТРОАВТОМОБИЛЕЙ В РОССИИ	KRUMER, Roman Mr GRIMITLIN, Alexandr
2:15 PM	[M36] Environmentally-Friendly Energy Conversion and Supply	HERVE, NGREMALE
2:30 PM	[M65] Multivariate Analysis on Operational Parameters to Cumulative Biogas Yield during Anaerobic Digestion of Food Waste	Dr BONG, cassendra phun chien