

**WORKSHOP 5 “NEW CONSTRUCTION TECHNOLOGIES”****SECTION: ECONOMIC ASPECTS OF NEW CONSTRUCTION TECHNOLOGIES****April 26 9:30-12:30**

<b>#</b>	<b>TITLE</b>	<b>SPEAKER</b>	<b>PRESENTATION</b>
44	Organization of a logistics system for waste streams during the renovation of territories	Aleksandr Aleksanin	Oral
93	Construction in the Republic of Yemen: Problems of Development and Solutions	Ahmed Safe Aldeen	Oral
146	Concerning the project company division work optimization using the virtual work methods	Anastasiia Slavina	Oral
180	Rapid assessment of the economic efficiency of domes of buildings	Vadim Alpatov	Oral
185	Financial and economic model of waste incineration plant construction	Svetlana Shilkina	Oral
204	Pre-project assessment of the renovation of five-storey buildings carrying out without demolition with relocation of the residents	Alexey Anufriev	Oral
207	Interactive Teaching of Risk Management in the Russian Construction Industry	Richard Roe Walter Bardenwerper	Oral
298	Evaluation and improvement of the reliability of organizational structures of ICP by the method of hierarchy analysis	Ivan Voronkov	Oral
364	Occupational Risks Management as a Basis of Industrial Injuries and Occupational Disease Prevention	Evgeny Sugak	Oral
397	The evolutionary development of the methodology of operational planning of construction production	Nikita Yoshin	Oral

**SECTION: ENGINEERING ASPECTS OF NEW CONSTRUCTION  
TECHNOLOGIES****April 26 13:30-18:00**

#	TITLE	SPEAKER	PRESENTATION
2	Contemporary trends in metropolitan gas distribution infrastructure construction	Oksana Medvedeva	Oral
14	Implementing large-scale construction projects through application of the systematic and integrated method	Ivan Abramov	Oral
20	Designing of structural and functional organizational systems, formed during the re-profiling of industrial facilities	Dmitriy Topchiy	Oral
23	Interrelation the life cycle of an object and the concept of sustainable development	Aleksandr Aleksanin	Oral
25	Simulation of fitting of construction organizations and erected buildings with collective protective equipment	Victor Brodskiy	Oral
26	The use of normative basis for the construction cost for introduction of 5D BIM in Russia	Andrey Pilyay	Oral
47	Development of the reflex-adaptive organizational structure of high robustness	Dmitriy Krasovskiy	Oral
49	Construction waste processing management and demolition of five-storey apartment blocks in Moscow	Shamil Taushunaev	Oral
57	Risk-Based Thinking and Decision-Making Methods in Conditions of Total Uncertainty	Nikolay Ivanov	Oral
137	Deflections of slabs of monolithic flat ceilings with high-strength reinforcement without adhesion to concrete	Yulia Shaposhnikova	Oral
183	The organization of the unified system of waste management construction	Olga Votyakova	Oral
203	Low-rise house of plywood honeycomb panels	Irene Ladnykh	Oral
279	Features of construction of buildings and constructions on loessial the bases in Moldova	Sergey Kalinovsky	Oral
362	Formation of water film from aqueous film forming foam drops on the surface of oil products	Valeria Razvalyaeva	Oral
414	Biometrics analysis on hazard awareness of construction workers	Tat Ho Leung	Oral



#	TITLE	SPEAKER	PRESENTATION
415	Construction safety knowledge sharing by Internet of Things, Web 2.0 and mobile apps: psychological and new institutional economics conceptual analysis	Tat Ho Leung	Oral

### POSTERS SESSION

#	TITLE	SPEAKER	PRESENTATION
18	Conditions of the transformation of the landscape of the residential quarter developed in the 1950s-1960s in the mass renovation	Alexey Anufriev	Poster
19	On certain development aspects of an ISPAS-based system-target approach to evaluation of net asset sustainability level	Vitaly Khvan	Poster
24	Non-collapsible and collapsible systems for finishing buildings, constructions and their indoors	Gulnaz Ziyaltdinova	Poster
42	Basic provisions for forming the parameter-oriented model of contractors selection under the conditions of engineering control scheme	Tatiana Khripko	Poster
112	The stages of demolition of buildings of the first industrial generation	Tatyana Kuzmina	Poster
113	Problems of Reconstruction of Ferrous Metallurgy Enterprises	Nadezhda Cherednichenko	Poster
152	Introduction of innovative technical solutions in construction on the basis of the concept of engineering	Alexandr Orlov	Poster
175	Unified resources marking system as a way to develop artificial intelligence in construction	Anastacia Ryzhkova	Poster
187	Membrane techniques in groundwater treatment	Alexei Pervov	Poster
188	Application of reverse osmosis techniques to treat and reuse biologically treated wastewater	Alexei Pervov	Poster
189	The operational characteristics of the housing stock as a result of renovation	Ekaterina Perfilowa	Poster
242	Building information model verification at the lifecycle stage of construction	Elena Galkina	Poster
256	On the effectiveness of some construction and technological solutions for Nuclear Power Plants	Alsu Gaysina	Poster



XXI International Scientific Conference on Advanced in Civil Engineering

## **CONSTRUCTION**

**THE FORMATION OF LIVING ENVIRONMENT**

<b>#</b>	<b>TITLE</b>	<b>SPEAKER</b>	<b>PRESENTATION</b>
276	The extraction and processing of BIM data	Elena Ignatova	Poster
340	The distributed systems of engineering supervision of permanent structures	Alexander Mokrov	Poster
392	Practical aspects of construction of high-rise buildings in Russia	Arthur Ahmetgaliev	Poster
477	Foundation reconstruction technology	Boris Strigin	Poster
478	Deck method of erecting buildings and embedded structures in the spacelimited urban environment	Aleksandr Afanasiyev	Poster