

Attention!
Time is indicated in UTC +3 (Ukraine, Kiev)
Local time can be found in list of abstracts

October 19, 2020

14:00 – 14:20	Melnychuk et al.	The impact of a country's level of economic development on environmental safety
14:20 – 14:40	Shatokha et al.	Climate change mitigation scenarios for the Ukrainian steel sector based on best available technologies deployment
14:40 – 15:00	Khadijah et al.	Ecological restructuring in Bandung Smart City Agenda
15:00 – 15:20	Rizal et al.	Agricultural based tourism model in a former erupted mountain in Tasikmalaya, Indonesia
15:20 – 15:40	Anwar et al.	Community participation in environmental management at Jatiluhur reservoir tourism site, Indonesia
15:40 – 16:00	Kukreti et al.	Where do we stand: factors affecting sustainable development
16:00 – 16:20	Krysovaty et al.	Circular economy as an anti-crisis method for global economy recovery under COVID-19: employment and tax shift effect
16:20 – 16:40	Skobelev	Building the infrastructure for transforming russian industry towards better resource efficiency and environmental performance
16:40 – 17:00	Tikhonova et al.	Best available techniques and best environmental management practices: collaboration between industries and regions
17:00 – 17:20	Dryhola et al.	Revitalization strategies of old industrial regions in EU
17:20 – 17:40	Arango	Environmental awareness in university students: study case for virtual courses
17:40 – 18:00	Estrada et al.	Consumption decision of economic agents: cost vs. environmental awareness
18:00 – 18:20	Liranzo-Gómez et al.	Adaptation and sustainable management of massive influx of sargassum in the Caribbean
18:20 – 18:40	Gubina	Investigative and other body competent in matters related to marine accidents and incidents in the EU countries
18:40 – 19:00	Vargas et al.	Design and assessment of a domestic wastewater treatment system based on a constructed wetland with subsurface flow in Jarabacoa, Dominican Republic
19:00 – 19:20	Oliveira et al.	Actions to inhibit environmental impacts on clandestine landfills in the Amazon

October 20, 2020

14:00 – 14:20	Pramaningsih et al.	Water quality analysis of Benanga reservoir, in Samarinda, East Kalimantan, Indonesia
14:40 – 15:00	Zelinskaya et al.	Theoretical aspects of disposal of liquid mineral waste
15:00 – 15:20	Burdonov et al.	To the question of purification of aluminum-containing material of aluminum electrolyzers
14:20 – 14:40	Kravchenko et al.	Refining the hydrocavitation technology for recycling hydraulic fracturing flowback water by using numerical simulation and physical modelling methods
14:40 – 15:00	Abdyzhaparova et al.	Decomposition of organic waste in caves
15:00 – 15:20	Kovalev et al.	Biogas and landfill gas converting to gas motor fuel through clathrate hydrate
15:20 – 15:40	Kelemesh et al.	Waste usage as secondary resources
15:40 – 16:00	Haryanto et al.	Biomass fuel from oil palm empty fruit bunch pellet: potential and challenges
16:00 – 16:20	González-Arias et al.	Assessing thermodynamic parameters of hydrochar of off-specification compost and olive tree pruning for improving combustion performance
16:20 – 16:40	Sa et al.	Flow simulation of MCNT blended diesel fuel in the nozzle of a diesel injector
16:40 – 17:00	Kharytonov et al.	Thermal analyses of differences for woody species depending on soil conditions
17:00 – 17:20	Granda-Rodriguez et al.	GIS in Colombian post-conflict land use planning
17:20 – 17:40	Acuña-Mendez et al.	Airport noise impact assessment using noise maps and Pittsburgh sleep quality index: a case study in Bogotá, Colombia
17:40 – 18:00	Chernysh et al.	Polymer materials: bibliographic data analysis and trend detection
18:00 – 18:20	Valencia-Arias et al.	Research trends in household energy management systems: a bibliometric analysis
18:20 – 18:40	Rojas	Identification of the offer for MOOC-type courses in the field of sustainable development: comparative analysis between social media and documentary results
18:40 – 19:00	Estrada et al.	Consumption decision of economic agents: cost vs. environmental awareness

October 21, 2020

12:00 – 12:20	Deganello et al.	Keynote Lecture* Aluminum foil as a direct precursor for the solution combustion synthesis of α-alumina
12:20 – 12:40	Tsybulskaya et al.	Instrumentation and features of producing the oleophilic sorbent on the perlite basis
12:40 – 13:00	Yudakov et al.	Eco-friendly technology of commercial components (titanium, gold) recovering
13:00 – 13:20	Baena-Moreno	Keynote Lecture* Opportunities for CO₂ utilisation via carbonation
13:20 – 13:40	Martinus et al.	Development of Teak Leaf Plate Molding Machine for Producing Plastic Alternative Products
13:40 – 14:00	Telaumbanua et al.	Design of insect trap automatic control system for Cacao plants
14:00 – 14:20	Morais et al.	Development of a monitoring device for fruit products transportation in the cold chain
14:20 – 14:40	Aguiar et al.	Testing of a resistive sensor with fabric medium for monitoring frost formation in refrigeration systems
14:40 – 15:00	Kumar et al.	Experimental tests of the thermal behaviour of new sustainable bio-packaging food boxes
15:00 – 15:20	Kryvenko	Emissions of pollutants into the atmospheric air by stationary sources
15:20 – 15:40	Belokon et al.	Optimal composition of intermetallic catalyst for neutralization of carbon-containing components of gas emissions
15:40 – 16:00	Mosiyevych et.al	The physical and mechanical properties of intermetallic catalysts for the neutralization of carbon-containing components of emission gases
16:00 – 16:20	Manidina et al.	Using plasma catalysis for oxidation of sulphur dioxide to sulphur trioxide
16:20 – 16:40	Zhang	Keynote Lecture* Membrane technologies for CO₂ capture

* Duration of the Keynote Presentations can be increased

October 22, 2020

14:00 – 14:20	Zhelnovach et al.	Researching the degradation of roadside plant communities
14:20 – 14:40	Triyono et al.	Effects of organic compost doses and regulated irrigation on growth and yield of organic Red Rapid Lettuce (<i>Lactuca sativa</i> L var. Red Rapids)
14:40 – 15:00	Harahap et al.	Active versus passive cooling systems in increasing solar panel output
15:00 – 15:20	Adoniev et al.	Increasing the uniformity of metal heating in chamber furnaces by influence of the electric field
15:20 – 15:40	Yousef et al.	Experimental investigation of a two-zone dry low emission gas turbine combustor
15:40 – 16:00	Evdokimov et al.	Emission characteristics of bidirectional vortex combustors operating on gaseous, liquid and pulverized solid fuel
16:00 – 16:20	Isaza-Ruiz et al.	Thermal properties of hitec salt-based nanofluids synthesized by new two-step method
16:20 – 16:40	Guryanov et al.	A study of multifuel bidirectional combustor
16:40 – 17:00	Kovalnogov et al.	Simulation of the processes of combined fuel combustion and analysis of harmful substances emission
17:00 – 17:20	Pérez et al.	Implementation of clean production in cups and dishes with coffee grounds
17:20 – 17:40	Chernyavskyy et al.	Scientific bases, experience of production and combustion of coal mixtures at thermal power plants of Ukraine
17:40 – 18:00	Repelewicz et al.	Gypsum composites with woodchip and sawdust fillers
18:00 – 18:20	Peceño et al.	Influence of particle size of mussel shells in physical, mechanical and insulating properties of fireproof materials
18:20 – 18:40	Oliveira et al.	A new microbicidal pervious concrete pavement to be used in hospital parking-lots: assessment of the modulus of elasticity by the finite element method
18:40 – 19:00	Guryanov et al.	The structure of nonreactive bidirectional and direct swirling flows and its effect on mass transfer intensification and mixing efficiency
19:00 – 19:20	Moumane et al.	Specifics of coal-water fuel heat transfer at the fuel pre-heating stage