



«ISE&E» & SWorld

## International scientific conference

### International scientific conference (USA)

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Modern systems of science and education in the USA,  
EU and post-Soviet countries '2021

## onference program

FEBRUARY 15-16, 2021

#### Organizing Committee:

**Chairman:**

Shibaev A.G. Academician, Doctor of Technical Sciences, Professor

**Scientific Secretary:**

Kuprienko S.V. candidate of technical sciences

**Members of the organizing committee:**

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**February 15, 2021:** The beginning of the sections of the Conference.

### **Innovative engineering, technology and industry**

BLOCKCHAIN & TECHNICAL PROGRESS	Matvieieva Tatiana, candidate of pedagogical sciences, docent, NTUU "Igor Sikorsky Kyiv Politechnic Institute", - Ukraine
	Novakovska Anna, student, NTUU "Igor Sikorsky Kyiv Politechnic Institute", - Ukraine
	Kotovskiy Vitalii, Doctor of Engineering, professor, NTUU "Igor Sikorsky Kyiv Politechnic Institute", - Ukraine
INCREASING THE CONVENIENCE OF ADJUSTMENT OF CUTTING INSERTS IN FACE MILLING CUTTERS	Kushnirov Pavel Vasilyevich, candidate of technical sciences, docent, Sumy State University (Sumy State University), - Ukraine
	Stupin Boris Anatolyevich, candidate of technical sciences, docent, Sumy State University (Sumy State University), - Ukraine
ANALYSIS OF HARMFUL EMISSIONS FROM THE COLD ROLLING PROCESS AND MEASURES FOR THEIR DISPOSAL	Makushyna Mylana, student, International Humanitarian University, Odessa, - Ukraine
	Tarasov Vjacheslav, candidate of technical sciences, docent, Zaporizhzhya National University, - Ukraine
	Rumyantsev Vlad, candidate of technical sciences, docent, Zaporizhzhya National University, - Ukraine
PURIFICATION OF INDUSTRIAL WASTEWATER OF TEXTILE DYE MANUFACTURING WITH ZEOLITIC CLAY	Koval Myroslava, Cherkasy State Technological University, - Ukraine
INNOVATIVE METHOD OF INTENSIFICATION OF PROCESSES OF DESTRUCTION OF UREA IN SOLUTION	Demchuk Ivanna Mykhaylivna, candidate of technical sciences, Senior Lecturer, Cherkasy State Technological University, - Ukraine

### **Computer science, cybernetics and automatics**

ONLINE SYSTEM FOR AUTOMATIC ASSESSMENT OF PROGRAMMING TASKS	Dorosh Andrii, Candidate of Physical and Mathematical Sciences, Chernivtsi National University named after Yuriy Fedkovich, - Ukraine
	Pertsov Andrii, Candidate of Physical and Mathematical Sciences, Chernivtsi National University named after Yuriy Fedkovich, - Ukraine
	Cherevko Ihor, Doctor of Physical and Mathematical Sciences, professor, Chernivtsi National University named after Yuriy Fedkovich, - Ukraine
FEATURE DETECTION METHODS IN IMAGE RECOGNITION PROBLEMS ON PYTHON	Yurchenko Igor Valeryjovych, Candidate of Physical and Mathematical Sciences, docent, Chernivtsi National University named after Yuriy Fedkovich, - Ukraine
SUBSTANTIATION THE OPTIMALITY CRITERION OF THE ORGANIZATION OF ROAD WORKS	Dekhtiar Marina Mihaylivna, postgraduate, National Transport University, - Ukraine
	Al-Ammouri Ali Nurddinovich, Doctor of Engineering, professor, National Transport University, - Ukraine



### **Development of transport and transportation systems**

LOAD ANALYSIS OF THE RUBBER REINFORCED TRACK OF THE REPLACEABLE TRACK MODULE BASED ON THE GEOMETRIC SOLUTION OF THE PROBLEM OF DETERMINING THE PERIMETER OF THE CATERPILLAR OUTLINE	Kaplyukhin Anton Eduardovich, graduate student, Kuban State Technological University, - Russia
	Blednova Zhesfina Mihajlovna, doctor of technical sciences, professor, Kuban State Technological University, - Russia
INFLUENCE OF RELIABILITY ON LOGISTICS CYCLES IN THE SUPPLY CHAIN OF INDUSTRIAL ENTERPRISE	Khara Maryna, candidate of technical sciences, docent, Azov State Technical University, - Ukraine
	Zernovoi K.A., student, Azov State Technical University, - Ukraine
	Manik I.S., student, Azov State Technical University, - Ukraine

### **Architecture and construction**

ANALYSIS OF COMPOSITE MATERIALS PROPERTIES USED FOR BRIDGE STRUCTURES REINFORCEMENT	Kharchenko Anna Nikolaevna, candidate of technical sciences, docent, National Transport University, - Ukraine
	Tsybul'skyi Vitalii Mykolaiovych, postgraduate, Senior Lecturer, National Transport University, - Ukraine

### **Chemistry and pharmaceuticals**

ELECTROCATALYTIC SYNTHESIS OF FORMALDEHYDE FROM METHANE	<b><u>Viazovyk Vitalii, doctor of technical sciences, Cherkasy State Technological University, - Ukraine</u></b>
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### **Biology and ecology**

STUDY OF THE KHREBTOVA HILL FLORA	Danyliv Svitlana Ivanivna, candidate of biological sciences, Ivano-Frankivsk National Medical University, - Ukraine
	Yakymiv Iryna Ivanivna, Ivano-Frankivsk National Medical University, - Ukraine
ANALYSIS OF INDUSTRIAL SUSTAINABILITY ASSESSMENT METHODS	Matis Yevheniia Olegovna, graduate student, Kharkiv National University of Civil Engineering and Architecture, - Ukraine
	Krot Olga Petrovna, doctor of technical sciences, Kharkiv National University of Civil Engineering and Architecture, - Ukraine
THE EFFECT OF MICROWAVE RADIATION ON THE PROCESS OF GERMINATION OF WINTER WHEAT SOFT VARIETIES «MOSCOW 56» (TRITICUM RITICUM L.)	Vasily Tyutin, FSBEI HE "Nizhny Novgorod State Agricultural Academy", - Russia

### **Agriculture, forestry, fishery and water management**

FEATURE OF THE BUGUN IRRIGATION RESERVOIR FUNCTIONING AND ITS IMPACT ON THE ENVIRONMENT	Starodubtsev Vladimir, Doctor of Biological Sciences, professor, National University of Life and Environmental Sciences of Ukraine, - Ukraine
	Kalybekova Aigerim, - Ukraine
	Beksultanov Marat, - Ukraine



**Economy and trade**

ON THE QUESTION OF DEMAND FOR DIGITAL TECHNOLOGIES IN CONDITIONS OF SEMI-PERIPHERY CAPITALISM	Dzarasov Ruslan Soltanovich, Doctor of Economic Sciences, Plekhanov Russian University of Economics, - Russia
DEVELOPMENT OF THE CONCEPT OF FORMATION OF THE MECHANISM OF FINANCIAL SUSTAINABILITY OF UNIVERSITY	Akopyan Arsen Samvelovych, Donetsk National University named after Vasyl Stus, - Ukraine
	Matviychuk Viktoriia Ivanivna, Candidate of Economic Sciences, docent, Donetsk National University named after Vasyl Stus, - Ukraine

**Education and pedagogy**

FEATURES IN TEACHING CLINICAL DISCIPLINES TO ENGLISH MEDICAL STUDENTS.	Yurkiv Oksana Ivanivna, candidate of medical sciences, Bukovina State Medical University / Bukovina State Medical University, - Ukraine
	Peryzhniak Alla Ivanivna, candidate of medical sciences, Bukovina State Medical University / Bukovina State Medical University, - Ukraine
THE ROLE OF STRATEGIC COMPETENCE IN TEACHING ENGLISH FOR SPECIFIC PURPOSES	Serheieva Oksana, Igor Sikorsky Kyiv Polytechnic Institute, - Ukraine
	Simkova Iryna, doctor of pedagogical sciences, professor, Igor Sikorsky Kyiv Polytechnic Institute, - Ukraine
MULTICULTURAL EDUCATION OF PRESCHOOL CHILDREN THROUGH INSIGHT INTO NATIONAL HOLIDAYS	Pashkovets Inna Pavlovna, BSPU named after M. Tank, - Belarus
	Barodzich Sviatlana Aliaksandrovna, senior teacher, BSPU named after M. Tank, - Belarus
EXPLICATION OF THE SCIENTIFIC CATEGORY OF THE PROJECT CULTURE OF THE ENGINEER	Baranova Olena Volodymyrivna, - Ukraine
THEORETICAL PREREQUISITES FOR THE APPLICATION OF THE CONCEPTUAL AND FIGURATIVE APPROACH TO THE ANALYSIS OF IMAGES OF NATURAL ELEMENTS DURING THE LESSONS OF UKRAINIAN LITURATURE IN 10 – 11 GRADES	Oryshchenko Inna Mykolaivna, Nizhny State University of Mykoly Gogol, - Ukraine
ЦІЛІСНИЙ РОЗВИТОК ОСОБИСТОСТІ УЧНІВ МОЛОДШОГО ШКІЛЬНОГО ВІКУ ЗАСОБАМИ МЕНТАЛЬНОЇ АРИФМЕТИКИ.	Hryhorieva M. I, NPU im. M. P. Dragomanova, Kiev, st. Pirogova, 9, 02000, - Ukraine
THE STUDY OF THE UKRAINIAN HISTORY AS A MEANS OF ADAPTING THE INTERNATIONAL STUDENTS TO THE EDUCATIONAL SPACE OF THE UNIVERSITY	Tetiana Brahina, candidate of philosophical sciences, docent, Kharkiv State Academy of Culture, - Ukraine
	Olha Honcharova, candidate of historical sciences, docent, Kharkiv National Pedagogical University named after G.S. Skovorodi, - Ukraine
	Yurii Brahina, Kharkiv National Technical University of the Silskoy Gospodarstvo IM. Petra Vasilenka, - Ukraine



RESEARCH OF TYPES OF AUTONOMY DEVELOPMENT IN 5-7 YEARS OLD CHILDREN OF DIFFERENT SEXES	Lisovets Oleg , doctor of pedagogical sciences, docent, Nizhny State University of Mykoly Gogol, - Ukraine
	Lisovets Oksana, getter, Nizhny State University of Mykoly Gogol, - Ukraine

### **Physical education and sports**

SPATIAL ORGANIZATION OF THE BODY IN THE PERFORMANCE OF ATHELETES ROWING LOCOMOTION IN ROWING.	Kyrychenko Viktoriia, candidate of pedagogical sciences, National University of Physical Education and Sports of Ukraine, - Ukraine
	Bondar Anna, Candidate of Sciences in Physical Education and Sports, Vinnytsia Trade and Economics Institute KNTEU, - Ukraine
THE CONCEPT OF METHODOLOGICAL COMPETENCE OF A FUTURE PHYSICAL EDUCATION TEACHER	Makarenko Andrey Viktorovich, candidate of pedagogical sciences, docent, Donbass State Pedagogical University, - Ukraine
	Yakovenko Victoria Georgievna, candidate of medical sciences, docent, - Ukraine
IMPROVING THE PHYSICAL FITNESS OF NON-CORE INSTITUTE STUDENTS BY MEANS OF ATHLETICS	Puzdymir Mikola, docent, Vinnytsia Trade and Economic Institute KNTEU, - Ukraine
	Salnykova Svitlana, candidate of sciences of physical education and sports, docent, Vinnytsia Trade and Economic Institute KNTEU, - Ukraine

### **Psychology and Sociology**

INCLUSIVE EFFICIENCY OF ARTTECHNOLOGIES IN THE WORK OF SOCIAL SERVICES: THE CONTEXT OF DISABILITY	Zaitseva Nina Vladimirovna, candidate of pedagogical sciences, docent, Saratov State Technical University named after Gagarin Yu.A., - Russia
	Zaitsev Dmitriy Viktorovich, Doctor of Sociological Sciences, professor, Saratov State Technical University named after Gagarin Yu.A., - Russia
BENEFITS AND RISKS OF DISTANCE LEARNING FOR THE FIRST-YEAR STUDENTS' ADAPTATION	Stoliarchuk Olesya, doctor of psychological sciences, docent, Kyiv University for the Name of Boris Hrynchenko, - Ukraine
	Kokhanova Olena, candidate of psychological sciences, Kyiv University named Boris Hrynchenko, - Ukraine
	Sorokina Olena, candidate of psychological sciences, docent, Kyiv University for the Name of Boris Hrynchenko, - Ukraine

### **Philosophy**

PECULIARITIES OF EDUCATION REFORM IN RUSSIA AND UKRAINE	Voropayeva Tetiana Sergiivna, Taras Shevchenko National University of Kyiv, - Ukraine
	Averianova Nina Mykolaivna, Taras Shevchenko National University of Kyiv, - Ukraine

### **Philology, linguistics and literary studies**

NAMES OF ICE CREAM AS AN OBJECT OF ONOMASTICS	Litvin Yuliya Mykolayivna, student, Taurian National University of the Name of V. Vernadsky, - Ukraine
	Yuldasheva Liudmyla Petrivna, candidate of philological sciences, Senior Lecturer, Taurian National University of the Name of V. Vernadsky, - Ukraine





NON-FICTION: GENRE BOUNDARIES (METHODOLOGICAL VIEW)	Afanasiev Aleksandr Ivanovich, Doctor of Philosophy, professor, Odessa National Polytechnic University, - Ukraine Vasilenko Irina Leonidovna, candidate of philosophical sciences, docent, State University of Intelligent Technologies and Communications, - Ukraine
REGARDING THE DEFINITION OF THE OPPOSITION "FRIENDLY": APPROACHES AND PROBLEMS	Shepel Yuri Olexandrovich, doctor of philological sciences, professor, Dniprovskiy National University named after Oles Honchar, - Ukraine
SCIENTIFIC FND HUMANITARIAN SUBSTYLE: A SUBLANGUAGE OF MACROECONOMICS	Zhang Xuan, Peter the Great St. Petersburg Polytechnic University, - Russia Vishnyakova Svetlana Alekseevna, doctor of pedagogical sciences, professor, University at the EurAsEC Interparliamentary Assembly, - Russia
FEATURING THE CONCEPT TRANSLATION "AMERICAN DREAM" IN F.S. FITZGERALD'S NOVEL "THE GREAT GATSBY"	Karaseva Evgeniya Vladimirovna, Bryansk State Technical University, - Russia Vorontsova Yulia Alexandrovna, candidate of pedagogical sciences, docent, Bryansk State Technical University, - Russia
THE PECULIARITIES OF NEOLOGISMS DERIVATION IN ENGLISH VOCABULARY	Terskikh Natalya Vladimirovna, candidate of pedagogical sciences, docent, Krasnoyarsk State Pedagogical University, - Russia

### **Legal and political sciences**

ACTUAL PROBLEMS OF IMPLEMENTATION OF THE RUSSIAN CRIMINAL POLICY OF COUNTERACTION TO CRIMES IN THE SPHERE OF ECONOMY	Kovalenko Tatiana Sergeevna, Candidate of Law, docent, Far Eastern branch of the All-Russian Academy of Foreign Trade of the Ministry of Economic Development of the Russian Federation, - Russia
THE CONCEPT OF LEGAL POSITIONS OF THE CONSTITUTIONAL COURT	Laura Bzova, postgraduate, Chernivtsi National University named after Yuriy Fedkovich, - Ukraine
«PROCEDURAL COMPETENCE» IN CONSTITUTIONAL JUDICIARY OF FRANCE	Inna Volska, postgraduate, Chernivtsi National University named after Yuriy Fedkovich, - Ukraine

### **Art history and culture**

SCIENTIFIC ACHIEVEMENTS - A FACTOR OF SUCCESSFUL TRAINING OF FUTURE CHOREOGRAPHERS IN PAVLO TYCHYNA USPU	Kalabska Vira Stepanivna, candidate of pedagogical sciences, docent, UDPU named Pavel Ticini, - Ukraine
HISTORICAL CONCEPTS OF THE INTERPRETATION OF THE FANTASY GENRE OF THE 18-19 CENTURIES	Pohoda Olena, candidate of art history, Kharkiv National University of Arts named after I.P. Kotlyarevsky, - Ukraine Pogoda Olena, Municipal Enterprise "Kharkiv Humanitarian Pedagogical Academy" of the Kharkiv Regional Council, - Ukraine
DIRECTING THEORY – SOME ASPECTS OF CREATION	Kovalenko [Khursina] Olena, candidate of art history, Agency for Cultural Development "Baroque", - Ukraine



**February 16, 2021:** Summarizing. Recommendations for the publication of materials in the conference proceedings. Closing of the annual scientific-practical conference.

**Chairman of the Organizing Committee**

*Doctor of Technical Sciences, Professor, Academician*

**A.G. Shibaev**

**SWorld Project Manager**

*Ph.D.*

**S.V. Kuprienko**