

*International scientific symposium*

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# **Symposium program**

**RESPECTIVE GLOBAL  
SCIENTIFIC TRENDS**



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### **Chairman:**

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

### **Scientific Secretary:**

*Kuprienko S.V. PhD in technical sciences*

### **Members of the organizing committee:**

*More than 250 doctors of sciences in all areas of the symposium. Learn more at [www.sworld.education](http://www.sworld.education)*



**November 29, 2021:** The beginning of the sections of the Symposium.

**Innovative engineering, technology and industry**

ANALYSIS OF FINANCIAL AND TECHNICAL INDICATORS OF SYSTEM EFFICIENCY IN DYNAMIC MODES	Denysiuk Sergii, Doctor of Technical Sciences, Professor, National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", - Ukraine
	Kolomiichuk Maryna, master, National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", - Ukraine
CONSTRUCTION OF A MATHEMATICAL MODEL OF THE RELIABILITY OF THE ELECTRIC DRIVE OF PUMP UNITS	Kurliak Petro, PhD in technical sciences, assistant professor, Ivano-Frankivsk National University of Oil and Gas, - Ukraine
	Fedoriv Mykhaylo, PhD in technical sciences, assistant professor, Ivano-Frankivsk National University of Oil and Gas, - Ukraine
	Galushchak Ivan, PhD in technical sciences, assistant professor, Ivano-Frankivsk National University of Oil and Gas, - Ukraine
STUDY ON THE INFLUENCE OF PULSED AND CONTINUOUS-WAVE GENERATION MODES OF LASER RADIATION ON THE RESULTS OF WELDING OF CORROSION- AND HEAT-RESISTANT AISI 321 STEEL IN DIFFERENT SPATIAL POSITIONS	Lukashenko Volodymyr Andriiovych, PhD in technical sciences, Institute of Electric Welding. E.O. Paton National Academy of Sciences of Ukraine, - Ukraine
	Siora Oleksandr Vasylovych, specialist, Institute of Electric Welding. E.O. Paton National Academy of Sciences of Ukraine, - Ukraine
	Sokolovskyi Mykola Volodymyrovych, graduate student, Institute of Electric Welding. E.O. Paton National Academy of Sciences of Ukraine, - Ukraine
	Shamsutdinova Nataliia Oleksandrivna, student, Institute of Electric Welding. E.O. Paton National Academy of Sciences of Ukraine, - Ukraine
	Bernatskyi Artemii Volodymyrovych, PhD in technical sciences, senior researcher, Institute of Electric Welding. E.O. Paton National Academy of Sciences of Ukraine, - Ukraine
SAFETY AND HYGIENE IN THE CONDITIONS PANDEMIC COVID-19	Garmash Svetlana Nickolaevna, PhD in Agricultural Sciences, assistant professor, Ukrainian State University of Chemical Technology, - Ukraine
USE OF VIBRO-CENTRIFUGAL METHOD FOR PROCESSING PARTS FROM SUPERHARD CERAMICS	Burlakov Viktor Ivanovich, PhD in technical sciences, assistant professor, Priazovsky State Technical University, - Ukraine
MODERN CONCEPTS OF IMPROVING THE TOOL RESISTANCE OF THE TOOL DURING DEVELOPMENT	Manoilov Oleg, State Higher Educational Institution "Priazovsky State Technical University", - Ukraine
	Kudinova Ekaterina, State Higher Educational Institution "Priazovsky State Technical University", - Ukraine
PHYSICO-CHEMICAL FUNDAMENTALS OF SYNTHESIS OF BINDING MATERIALS FROM ORTHOPHOSPHORIC ACID AND INORGANIC SALTS OF METALS	Tyshkovets Mariia, KPI them. Igor Sikorsky, - Ukraine
	Liuta Daria, KPI them. Igor Sikorsky, - Ukraine
	Liutyi Rostyslav, PhD in technical sciences, assistant professor, KPI them. Igor Sikorsky, - Ukraine



### **Security systems in the modern world**

DETERMINATION OF NETWORK ATTACKS USING NEURAL NETWORK TECHNOLOGIES	Pakhomova Victoria Nikolaevna, PhD in technical sciences, assistant professor, Ukrainian State University of Science and Technology (Dnipro National University of Railway Transport named after Academician V. Lazaryan), - Ukraine
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### **Development of transport and transport systems**

MODERN TECHNOLOGIES AND CONCEPTS OF RESEARCHING FOR SHIP POWER PLANTS OF COMBINED PROPULSION COMPLEXES	Budashko Vitalii Vitaliiiovych , Doctor of Technical Sciences, Professor, National University "Odessa Maritime Academy", - Ukraine
SWITCHED RELUCTANCE MOTOR. DESIGN, SIMULATION, CONTROL	Verbytskyi Ievgen Volodymyrovych, Doctor of Technical Sciences, assistant professor, National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", - Ukraine
	Bondarenko Iuliia Valeryivna, PhD in technical sciences, assistant professor, National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", - Ukraine

### **Economy and trade**

THE CONCEPT OF SUSTAINABLE DEVELOPMENT AS A TOOL FOR MODERNIZING THE ACCOUNTING AND ANALYTICAL SYSTEM	Osadcha Olha, Doctor of Economic Sciences, Professor, National University of Water Resources and Nature Management, - Ukraine
CORONAVIRUS PANDEMIC IMPACT ON ACCOUNTING AND FINANCIAL REPORTING	Melnyk Nataliya Hennadijivna, PhD in Economics, assistant professor, Western Ukrainian National University, - Ukraine
THE ANALYSIS OF KEY PROPERTIES OF PERSONNEL SELECTION AND SELECTION	Lvovich Igor Yakovlevich, Doctor of Technical Sciences, Professor, Voronezh Institute of High Technologies, - Russia
	Preobrazhenskiy Andrey Petrovich, Doctor of Technical Sciences, assistant professor, Voronezh Institute of High Technologies, - Russia
	Preobrazhenskiy Yuriy Petrovich, PhD in technical sciences, assistant professor, Voronezh Institute of High Technologies, - Russia
	Lvovich Yakov Evseevich, Doctor of Technical Sciences, Professor, Voronezh State Technical University, - Russia

### **Management and marketing**

METHODOLOGICAL ASPECTS OF A COMPETITIVE STRATEGY MODEL OF THE HIGHER EDUCATION INSTITUTION	Nezhyva Olga, doctor of philosophical science, assistant professor, - Ukraine
	Huliaeva Natalia, PhD in Economics, Professor, Kiev National University of Trade and Economics, - Ukraine
	Bidiuk Alla, PhD in Economics, - Ukraine



### **Education and pedagogy**

OVERCOMING OBSTACLES ON THE WAY OF A FOREIGN-LANGUAGE PERSONALITY FORMATION: PSYCHOLOGICAL AND LANGUAGE-DIDACTIC PREREQUISITES	Vasylenko Nina Vasylivna, PhD in pedagogical sciences, assistant professor, Cherkasy State Technological University, - Ukraine
	Usyk Liudmyla Mykolaiivna, PhD in Philology, assistant professor, Cherkasy State Technological University, - Ukraine
	Bereza Liudmyla Olexandrivna, PhD in pedagogical sciences, assistant professor, Cherkasy State Technological University, - Ukraine
INFORMATION TECHNOLOGIES USED IN THE CREATION OF AN ELECTRONIC COURSE OF A LABORATORY WORKSHOP IN PHYSICS	Golovko Olga Vladimirovna, PhD in Physical and Mathematical Sciences, - Russia
	Saltanova Elena Vladimirovna, - Russia
PERSONAL FORMATION OF THE FUTURE SPECIALIST OF SOCIONOMIC SPECIALTIES AS THE BASIS OF HIS SOCIAL COMPETENCE	Tyulpa Tetiana Mykolaivna, doctor of pedagogical sciences, assistant professor, Glukhiv National Pedagogical University named after Alexander Dovzhenko, - Ukraine
REGULATION OF PROCESSES OF SCIENCE AND EDUCATION INTERNATIONALIZATION: BASIC PRINCIPLES, MEASUREMENTS, INFLUENCE FACTORS	Ivanytska Olha, Doctor of Public Administration, Professor, National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", - Ukraine
	Li Jinping, graduate student, National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", - Ukraine
	Melnychenko Anatolii, PhD in Philosophy, assistant professor, National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute", - Ukraine
THE INFLUENCE OF THE INTEGRATION OF EDUCATION SCIENCE AND PRODUCTION IN THE FORMATION OF AN ENGINEERING SPECIALIST	Shagina Yulia Vladimirovna, PhD in pedagogical sciences, FSBEI PO "Volgograd State Agrarian University", - Russia

### **Physical education and sport**

ANDRAGOGICAL ASPECT OF GIRLS' STRENGTH TRAINING TO MEET THE STANDARDS OF THE VFSK "GTO"	Chistyakova Elena Gennadijevna, PhD in pedagogical sciences, assistant professor, Novgorod State Institute. Yaroslav the Wise, - Russia
	Kirsanova Olga Nikolaevna, Senior Lecturer, Novgorod State Institute. Yaroslav the Wise, - Russia
	Fedotova Galina Alexandrovna, doctor of pedagogical sciences, Professor, Novgorod State Institute. Yaroslav the Wise, - Russia
SOCIO-PEDAGOGICAL DESIGN OF UNDERGRADUATES: ACMEOLOGICAL ASPECT	Chistyakova Elena Gennadijevna, PhD in pedagogical sciences, assistant professor, Novgorod State Institute. Yaroslav the Wise, - Russia
	Fedotova Galina Alexandrovna, doctor of pedagogical sciences, Professor, Novgorod State Institute. Yaroslav the Wise, - Russia



### **Psychology and Sociology**

MENTAL STATES OF VICTIMS AND WITNESSES OF CRIME: TAKING INTO ACCOUNT IN OPERATIONAL AND INVESTIGATIVE ACTIONS	Nedria Kryrylo Myhajlovich, PhD in Historical Sciences, Dnepropetrovsk State University, - Ukraine
	Shinkarenko Inna Oleksandrovna, PhD in psychological sciences, assistant professor, Dnepropetrovsk State University, - Ukraine
PANDEMIC PSYCHOLOGY IN WORLD FILM ARTS	Akimenko Galina Vasilyevna, PhD in Historical Sciences, assistant professor, Kemerovo State Medical University, - Russia
	Seledtsov Alexander Mikhailovich, Doctor of Medical Sciences, Professor, Kemerovo State Medical University, - Russia
	Kirina Yulia Yurievna, PhD in Medical Sciences, Kemerovo State Medical University, - Russia
	Nacheva Lyubov Vasilyevna, Doctor of Biological Sciences, Professor, Kemerovo State Medical University, - Russia

### **Legal and political sciences**

INTERNATIONAL POLICY BETWEEN UKRAINE AND SWEDEN IN THE CONTEXT OF HISTORICAL, ECONOMIC AND DIPLOMATIC DEVELOPMENT	Siekunova Yulia, PhD in Historical Sciences, assistant professor, National University of Bioresources and Nature Management of Ukraine, - Ukraine
	Kolyada Aurika, National University of Bioresources and Nature Management of Ukraine, - Ukraine

### **Art history and culture**

DEVELOPMENT OF CULTURE AS A COMPONENT OF SOCIAL WORK IN RURAL AREAS	Rudy Roman, National University of Bioresources and Nature Management of Ukraine, - Ukraine
	Maidanyuk Iryna, doctor of philosophical science, assistant professor, National University of Bioresources and Nature Management of Ukraine, - Ukraine
	Kapytsia Tamara, State Enterprise No. UDC "Young Guard", - Ukraine

**November 30, 2021:** Summarizing. Recommendations for the publication of materials in the monograph. Closing of the annual scientific-practical Symposium.

#### **Chairman of the Organizing Committee**

*Doctor of Technical Sciences, Professor, Academician*

**A.G. Shibaev**

#### **SWorld Project Manager**

*Ph.D.*

**S.V. Kuprienko**