



**International Science Group**

**ISG-KONF.COM**

**XVII**

**INTERNATIONAL SCIENTIFIC  
AND PRACTICAL CONFERENCE**

**"SYSTEM ANALYSIS AND INTELLIGENT SYSTEMS FOR  
MANAGEMENT"**

**Ankara, Turkey  
May 02 - 05, 2023**

**ISBN 979-8-88955-316-8**

**DOI 10.46299/ISG.2023.1.17**

# **SYSTEM ANALYSIS AND INTELLIGENT SYSTEMS FOR MANAGEMENT**

Proceedings of the XVII International Scientific and Practical Conference

Ankara, Turkey  
May 02 – 05, 2023

**UDC 01.1**

The 17th International scientific and practical conference “System analysis and intelligent systems for management” (May 02 – 05, 2023) Ankara, Turkey. International Science Group. 2023. 482 p.

**ISBN – 979-8-88955-316-8**

**DOI – 10.46299/ISG.2023.1.17**

## EDITORIAL BOARD

<u>Pluzhnik Elena</u>	Professor of the Department of Criminal Law and Criminology Odessa State University of Internal Affairs Candidate of Law, Associate Professor
<u>Liudmyla Polyvana</u>	Department of Accounting and Auditing Kharkiv National Technical University of Agriculture named after Petr Vasilenko, Ukraine
<u>Mushenyk Iryna</u>	Candidate of Economic Sciences, Associate Professor of Mathematical Disciplines, Informatics and Modeling. Podolsk State Agrarian Technical University
<u>Prudka Liudmyla</u>	Odessa State University of Internal Affairs, Associate Professor of Criminology and Psychology Department
<u>Marchenko Dmytro</u>	PhD, Associate Professor, Lecturer, Deputy Dean on Academic Affairs Faculty of Engineering and Energy
<u>Harchenko Roman</u>	Candidate of Technical Sciences, specialty 05.22.20 - operation and repair of vehicles.
<u>Belei Svitlana</u>	Ph.D., Associate Professor, Department of Economics and Security of Enterprise
<u>Lidiya Parashchuk</u>	PhD in specialty 05.17.11 "Technology of refractory non-metallic materials"
<u>Levon Mariia</u>	Candidate of Medical Sciences, Associate Professor, Scientific direction - morphology of the human digestive system
<u>Hubal Halyna Mykolaiivna</u>	Ph.D. in Physical and Mathematical Sciences, Associate Professor

## TABLE OF CONTENTS

AGRICULTURAL SCIENCES		
1.	Каркач П.М., Бурлака А.С. ПРОБЛЕМИ І РИЗИКИ ОРГАНІЧНОГО ПТАХІВНИЦТВА	15
ARCHITECTURE, CONSTRUCTION		
2.	Bissembayev Z. CULTURAL IDENTITY IN REGIONAL ARCHITECTURE: INTERNATIONAL EXPERIENCE	21
3.	Korlyuga A. DETERMINATION OF OBSOLETE RESIDENTIAL BUILDINGS	25
4.	Vozniuk L., Babyak V., Hladyshev D., Zaulychna I. ПРОЕКТ ПОВОЄННОЇ ВІДБУДОВИ ШКОЛИ У МІСТІ ІРПІНЬ	27
BIOLOGY		
5.	Коц С.М., Коц В.П., Гасенко К.В. ДЕЯКІ ПИТАННЯ НОЦЦЕПЦІЇ	31
6.	Терещенко В.О. ТАКСОНОМІЯ РОДОВОЇ ГРУПИ APODEMUS SENSU LATO (MURIDAE) НА ОСНОВІ ГЕНЕТИЧНОЇ ДИФЕРЕНЦІАЦІЇ ЗА ГЕНОМ ЦИТОХРОМ-1 (СУТ-В) НА ПІДРОДОВОМУ ТА РОДОВОМУ РІВНЯХ ОРГАНІЗАЦІЇ	37
CHEMISTRY		
7.	Aylarova T., Abbasli E. CATALYTIC ACTIVITY OF NASICON CATALYSTS IN THE TRANSFORMATIONS OF ETHYL ALCOHOL IN A MEMBRANE REACTOR	41
8.	Guliyeva N., Jafarli S. WATER PURIFICATION WITH GRAPHENE OXIDE AND CARBON NANOTUBE COMPOSITION	45
9.	Naizabayeva M. NEUROCHEMICAL MECHANISMS IN ALZHEIMER'S AND PARKINSON'S DISEASES: ROLE OF IRON	48

CULTUROLOGY		
10.	Тур О., Шабуніна В. НЕГАТИВНІ ПРАКТИКИ ЯК РЕАКЦІЯ НА ДЕСТРУКТИВНИЙ КОНТЕНТ	52
ECONOMY		
11.	Jafarov A. ANALYSIS OF CURRENCY OPERATIONS AND CUSTOMS CONTROL OF THE REPUBLIC OF AZERBAIJAN	54
12.	Poiasnyk H., Pakhomova L., Kolesnyk O. ANALYSIS OF THE IMPLEMENTATION OF TARIFF SCHEMES IN URBAN PASSENGER TRANSPORT	57
13.	Бабенко В. МЕТОДИЧНІ ПІДХОДИ ДО АНАЛІЗУ ГРОШОВИХ ПОТОКІВ ПІДПРИЄМСТВА	64
14.	Бриль І.В. ШТУЧНИЙ ІНТЕЛЕКТ В РЕАЛІЯХ СУЧАСНОСТІ	66
15.	Кальна-Дубінюк Т., Кальной С.П. ЕКОНОМІКО-МАТЕМАТИЧНЕ ОБҐРУНТУВАННЯ РІШЕНЬ У БІЗНЕСІ	69
16.	Колодійчук А.В., Важинський Ф.А. СТРУКТУРНО-ДИНАМІЧНІ ОСОБЛИВОСТІ РОЗВИТКУ СЕГМЕНТУ ІНФОРМАЦІЙНО-КОМУНІКАЦІЙНИХ ТЕХНОЛОГІЙ В УКРАЇНІ	72
17.	Стояненко І.В., Васьківська С.О. АГРАРНИЙ СЕКТОР ЕКОНОМІКИ УКРАЇНИ В УМОВАХ ВІЙНИ	81
18.	Хайло Я.М., Хайло В.О. РОЗВИТОК МЕТОДІВ МОНИТОРИНГУ ЕКОНОМІЧНОГО СТАНУ ПІДПРИЄМСТВ ЖИТТЄЗАБЕЗПЕЧЕННЯ МІСТ	87
19.	Шестерняк М.М., Івахів А.М. ТЕОРЕТИЧНІ АСПЕКТИ ВИЗНАЧЕННЯ ЕКОНОМІЧНОЇ СУТНОСТІ СИСТЕМИ УПРАВЛІННЯ ПІДПРИЄМСТВОМ	95

GEOLOGY		
20.	Чернобук О.І., Ішков В.В., Козій Є.С., Козар М.А., Дрешпак О.С. ПРО ЗВ'ЯЗОК МІЖ ГЕРМАНІЄМ ТА КОБАЛЬТОМ У ВУГІЛЬНОМУ ПЛАСТІ С6Н ШАХТИ "ТЕРНІВСЬКА"	99
HISTORY		
21.	Швець М.В. ІСТОРІЯ ІНСТИТУАЛІЗАЦІЇ СИСТЕМНОГО АНАЛІЗУ У ЛЬВІВСЬКОМУ УНІВЕРСИТЕТІ	112
22.	Яковець О.Є., Антощак М.М. ТЮРКСЬКИЙ СЛІД В ІСТОРІЇ УКРАЇНСЬКОГО КОЗАЦТВА	114
JURISPRUDENCE		
23.	Бондар В., Качмарик Д. ДІЯЛЬНІСТЬ НАЦІОНАЛЬНОЇ ПОЛІЦІЇ УКРАЇНИ В УМОВАХ ВОЄННОГО СТАНУ	117
24.	Коваленко І.А. ПРАВОВЕ РЕГУЛЮВАННЯ КРЕДИТНО-РОЗРАХУНКОВИХ ВІДНОСИН	121
25.	Панова С.В. ВИКОРИСТАННЯ ШТУЧНОГО ІНТЕЛЕКТУ (AI) ДЛЯ ЗАПОБІГАННЯ ДОРОЖНЬО-ТРАНСПОРТНИМ ПРИГОДАМ	124
26.	Плахотнік Р.А. ЗАСАДИ РОЗУМІННЯ КОНЦЕПТУ "ГЕНДЕРНА РІВНІСТЬ" ПРЕДСТАВНИКАМИ СУДОВОЇ ГІЛКИ ВЛАДИ	127
27.	Шульжук Л.Р. ДО ПИТАННЯ ФІКСАЦІЇ КРИМІНАЛЬНОГО ПРОВАДЖЕННЯ ПІД ЧАС ДІЇ ВОЄННОГО СТАНУ В УКРАЇНІ	130
MANAGEMENT, MARKETING		
28.	Sergienko E. QUALITY ASSURANCE: MARKETING APPROACH	134
29.	Shvindina H. ACCOUNTING AND ACCOUNTABILITY IN GLOBAL WORLD	137

30.	Комарницька Н.Т., Гулобов Б.З., Задорожнюк О.В., Гудзяк В.В. ВИКОРИСТАННЯ SWOT-АНАЛІЗУ В УПРАВЛІННІ МЕДИЧНИМ ЗАКЛАДОМ В СУЧАСНИХ УМОВАХ В УКРАЇНІ	139
31.	Передерій Н.М., Овдієнко О.В. ОЦІНКА ІНДИКАТОРІВ РЕАЛІЗАЦІЇ КОНЦЕПЦІЇ ЛОГІСТИЧНОГО КОНТРОЛІНГУ В УПРАВЛІННІ ПІДПРИЄМСТВАМИ ТРАНСПОРТНОЇ ГАЛУЗІ	141
MEDICINE		
32.	Akbarov T.Y. ON THE IMPACT OF COVID-19 ON THE FUNCTION OF THE CARDIOVASCULAR SYSTEM	144
33.	Mandryk O., Kotsiubiichuk Z., Yakob A., Kuvila O. BLOOD LIPID SPECTRUM IN PATIENTS WITH NON- ALCOHOLIC STEATOHEPATITIS AND TYPE 2 DIABETES, DEPENDING ON THE STAGE OF DIABETIC KIDNEY DISEASE, WAYS OF CORRECTION	145
34.	Mandryk O., Kotsiubiichuk Z., Volodko O., Miletska A. THE CLINICAL COURSE OF NON-ALCOHOLIC STEATOGEPATITIS AND DIABETIC KIDNEY DISEASE ON THE BACKGROUND OF A COMPLEX TREATMENT PATIENTS WITH TYPE 2 DIABETES MELLITUS, CORRECTION OF FEATURES	148
35.	Pavlychko Y., Tkachuk O. FEATURES OF DISTANCE EDUCATION SYSTEM IN UKRAINE	150
36.	Serheta I., Makarova O., Makarova S. PSYCHOHYGIENIC BASES OF PREVENTION OF THE DEVELOPMENT OF COMORBID CONDITIONS IN ADOLESCENTS WITH CHRONIC PATHOLOGY	152
37.	Yarova S., Novikova K., Novykova O. METHODS OF FIXATION OF MOBILE TEETH IN THE TREATMENT OF CHRONIC GENERALIZED PERIODONTITIS	155
38.	Алієв Р.Б., Прончаков Б.А. АТИПОВА ПНЕВМОНІЯ: СУЧАСНИЙ ПОГЛЯД НА ДІАГНОСТИКУ ТА ЛІКУВАННЯ	161

## **FEATURES OF DISTANCE EDUCATION SYSTEM IN UKRAINE**

**Pavlychko Yurii**

Associate Professor Odessa National Medical University

**Tkachuk Olha**

Intern-Doctor Odessa National Medical University

In connection with the hostilities in Ukraine from February 24, 2022, a system of distance education was introduced in higher educational institutions, including the Odessa National Medical University, in particular at the Department of Traumatology and Orthopedics.

In accordance with the national doctrine of the development of education in Ukraine of the XXI century, one of the most important strategic directions is the modernization of equipment, taking into account the use of the latest information technologies and technical means, therefore, the focus of the University and departments in educational activities, is on the use of intensive teaching technologies in the educational process.

Recently, the teaching staff of the departments of ONMedU have been actively introducing multimedia presentations (Power-Point format) during lectures and practical classes, electronic databases (Cochrane, MedLine, OVID, EBSCO, etc.) are widely used in practice.

This in turn promotes the high-quality assimilation of material and increases the effectiveness of training in the educational process of high-quality computer graphics, sound accompaniment of video films, CDs and flash drives.

The system of educational activities that exists at the university corresponds to the 'International Level of Quality Standards' and is represented by a modern program of continuously progressive education, and the teaching methodology is based on a full-fledged methodological support of all disciplines.

In order to provide a self-study option, a distance learning system was introduced in all of the departments, a website was created on the Internet with the providing lecture materials, practical classes and the results of the main scientific achievements.

The teaching staff of the department in the series 'Library of a medical student' prepared and published texts of lectures, textbooks in Ukrainian and English. The department conducts classes in English.

The staff of the department constantly improve the quality of teaching, paying special attention to improving the forms and methods of control of students' knowledge. All this provides high-quality training of students and interns for professional activities.

Theoretical knowledge is improved thanks to well-organized production practice: Methodical Instructions are issued for 5th year students, interns and cadets.

The practical base in trauma departments and in the University's own clinics contributes to the development of practical skills. This allows you to intensify the



educational process and bring it closer to the requirements of practical health care. To equip, the trauma departments of university clinics, modern medical equipment is purchased to assist the military and civilian population on the basis of minimally invasive technologies such as arthroscopic techniques of surgical interventions on large joints. The equipment of the department has a digital panoramic and sighting X-ray machine, which also provides the ability to transmit/project images at a distance, which significantly improves the training of students, interns, cadets.

Open section of the site "Student page, intern" and "Teacher page." Such distance learning creates opportunities for the introduction of a new pedagogical form of organization of the educational process on the basis of the activation of psychological and pedagogical activity of the features.

In addition, thanks to the equipment of video equipment, the possibility of training students, interns, cadets of the technique of minimally invasive surgical interventions directly during operations is used.

#### **Literature:**

1. Program for students of higher institutions of III-IV accreditation level on "Traumatology and orthopedics," - Kyiv - 2002.- 326 p
2. Bitchuk D.D. Istomin L.G. The concept of teaching traumatology and orthopedics at the present stage. Abstracts of the XIX Congress of Orthopedic Traumatologists of Ukraine
3. Kidaev A.V. Perederiy V.G. Bologna process in Europe. - Kyiv "Mirror of the Week." - 2001 - 191c.