



International Science Group

ISG-KONF.COM

VII

**INTERNATIONAL SCIENTIFIC
AND PRACTICAL CONFERENCE
"MODERN TRENDS IN DEVELOPMENT
SCIENCE AND PRACTICE"**

**Varna, Bulgaria
November 02-05, 2021**

ISBN 978-1-68564-516-8

DOI 10.46299/ISG.2021.II.VII

MODERN TRENDS IN DEVELOPMENT SCIENCE AND PRACTICE

Abstracts of VII International Scientific and Practical Conference

Varna, Bulgaria
November 02 – 05, 2021

Library of Congress Cataloging-in-Publication Data

UDC 01.1

The VII International Science Conference «Modern trends in development science and practice», November 02 – 05, 2021, Varna, Bulgaria. 619 p.

ISBN - 978-1-68564-516-8

DOI - 10.46299/ISG.2021.II.VII

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>Liubchych Anna</u>	Scientific and Research Institute of Providing Legal Framework for the Innovative Development National Academy of Law Sciences of Ukraine, Kharkiv, Ukraine, Scientific secretary of Institute
<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>Oleksandra Kovalevska</u>	Dnipropetrovsk State University of Internal Affairs Dnipro, Ukraine
<u>Prudka Liudmyla</u>	Odessa State University of Internal Affairs, Associate Professor of Criminology and Psychology Department
<u>Slabkyi Hennadii</u>	Doctor of Medical Sciences, Head of the Department of Health Sciences, Uzhhorod National University.
<u>Marchenko Dmytro</u>	Ph.D. in Machine Friction and Wear (Tribology), Associate Professor of Department of Tractors and Agricultural Machines, Maintenance and Servicing, Lecturer, Deputy dean on academic affairs of Engineering and Energy Faculty of Mykolayiv National Agrarian University (MNAU), Mykolayiv, Ukraine
<u>Harchenko Roman</u>	Candidate of Technical Sciences, specialty 05.22.20 - operation and repair of vehicles.
<u>Belei Svitlana</u>	Ph.D. (Economics), specialty: 08.00.04 "Economics and management of enterprises (by type of economic activity)"
<u>Lidiya Parashchuk</u>	PhD in specialty 05.17.11 "Technology of refractory non-metallic materials"

128.	Бондаревич С.М., Котляр Л.І., Чендарогло С.В. ВПЛИВ ПСИХОСОМАТИЧНИХ РОЗЛАДІВ НА СЕКСУАЛЬНУ ФУНКЦІЮ У МОЛЯКІВ	545
129.	Вакуліч Т.М., Сафір Т.Ю. АНАЛІЗ ЕФЕКТИВНОСТІ ПРОГРАМИ КОРЕКЦІЇ ЕМОЦІЙНИХ РОЗЛАДІВ У ЖІНОК З СЕКСУАЛЬНИМИ ДИСФУНКЦІЯМИ	551
130.	Назаревич В.В. ОРГАНІЗАЦІЙНИЙ ОСТРАКІЗМ: ПОТЕНЦІЙНА ОСНОВА ДЛЯ БОРОТЬБИ З НИМ	556
131.	Розіна І.В. ВПЛИВ ПАНДЕМІЇ НА ПСИХІЧНИЙ СТАН ЛЮДИНИ	559
SOCIOLOGICAL SCIENCES		
132.	Болотова В.О., Мітіна В.В. РОЗРОБКА СТАНДАРТІВ РЕАЛІЗАЦІЇ МАРКЕТИНГОВОЇ СТРАТЕГІЇ НА ПІДПРИЄМСТВІ	565
TECHNICAL SCIENCES		
133.	Logvinova K., Mashtalir S. THE DEPENDENCY OF GAMIFICATION (AR MASKS) IN MARKETING TO CLIENTS LOYALTY IN MEDICAL CENTER	568
134.	Mahomet A. FORMATION OF THE STRUCTURE OF REQUIREMENTS OF USERS OF MEDICAL INFORMATION SYSTEM	571
135.	Miroshnyk Y. ВАЖЛИВІСТЬ РОЗРОБКИ ІНФОРМАЦІЙНОЇ СИСТЕМИ ДЛЯ ПІДТРИМКИ ЛЮДЕЙ З ОБМЕЖЕНИМИ МОЖЛИВОСТЯМИ	578
136.	Баришнікова П. АНАЛІЗ ФУНКЦІОНАЛІВ ПОПУЛЯРНИХ ТЕХНОЛОГІЙ УПРАВЛІННЯ ДИСТАНЦІЙНИМ НАВЧАННЯМ	580
137.	Гонтар С.О., Кіріченко Л.О. ДОСЛІДЖЕННЯ І ПОРІВНЯННЯ МЕТОДІВ КЛАСИФІКАЦІЇ РЕАЛІЗАЦІЙ ТРАФІКІВ ДЛЯ ДЕТЕКТУВАННЯ DDOS-АТАК	583

ВАЖЛИВІСТЬ РОЗРОБКИ ІНФОРМАЦІЙНОЇ СИСТЕМИ ДЛЯ ПІДТРИМКИ ЛЮДЕЙ З ОБМЕЖЕНИМИ МОЖЛИВОСТЯМИ

Miroshnyk Yevhen,

Master in informatics

Kharkiv National University of Radio Electronics

Information socialization of people with disabilities is in the process of their active inclusion in various social interactions, as a result of which the development of information and communication technologies is carried out - it is a kind of rehabilitation with the help of information.

According to the Ministry of Social Policy of Ukraine, in the early 1990s the total number of people with disabilities was about 3% of the total population, and today it is almost 6% of the population of Ukraine (over 2.5 million people). Unfortunately, the statistics continue to be worsened by hostilities in the east of the country. Despite the disappointing trend of growth in this country, the number of this category of population, the number of specialized institutions that carry out adaptation work, continues to decline. People with disabilities and their relatives are painfully aware of the termination of rehabilitation centers, boarding schools, boarding schools, branches of territorial centers of social assistance (provision of social services), etc. Monitoring of calls to the government hotline indicates that in such circumstances, people with special needs are often left alone with their problems [1].

The current situation raises the issue of reviewing the role of public libraries as subjects of information socialization of the population in solving the problem of information inequality. It should be noted that libraries already have many years of experience in servicing disabled users - first of all, it is a network of specialized libraries for the blind. Ukrainian libraries have traditionally played an important role in shaping an effective system of social support for people with disabilities and are guarantors of the exercise of human rights to free access to information. Given the fact that access to information (sources of information) is now a social need, public libraries are aware of the need to expand and improve the conditions of service for people with disabilities and the importance of reviewing the degree of their involvement in information socialization of this category.

The actualization of this area of work encourages libraries to modernize their activities through the development of specialized inclusive resource centers: services provided to the general public should be available to people with special needs. The needs for special measures to ensure access to information and information and communication technologies for different categories of people with disabilities are different and depend on the type and severity of the disability. Differentiated care is primarily needed by people with visual, hearing, musculoskeletal disorders and a group of patients who need care at home.

Nowadays, modern information technologies and the Internet open new opportunities for social interaction of people with disabilities. High-tech innovations,

such as speech recognition and correction programs, text recognition, neurocomputer and bioinformation technologies, which are combined with the human body, become compensators for partially impaired human functions.

Modern library and information services are based on the electronic presentation of a wide variety of documentary information available through global computer networks, regardless of the time and location of the user. Information technologies make it possible to replenish book collections with specialized information products that integrate various types of information to meet the information needs of people with various forms of disability, opening up sufficient opportunities to provide information to people with disabilities.

According to the information posted on the official websites of the above-mentioned libraries, it can be concluded that not all regional libraries represent purposeful and regular work with "special" users - only 10 libraries with 21 different levels of services for people with disabilities. A detailed analysis of the sample allowed to identify a positive trend in the creation of public libraries in Ukraine service centers for people of different ages with disabilities, which focus their activities on raising their awareness and education. The emergence of such centers has become an important addition to traditional leisure and cultural and educational forms of socialization.

1. Daradkeh Y.I., Tvoroshenko I., Gorokhovatskyi V., Latiff L.A., and Ahmad N. (2021) Development of Effective Methods for Structural Image Recognition Using the Principles of Data Granulation and Apparatus of Fuzzy Logic, *IEEE Access*, 9, pp. 13417-13428.

2. Kobylin O., Gorokhovatskyi V., Tvoroshenko I., and Peredrii O. (2020) The application of non-parametric statistics methods in image classifiers based on structural description components, *Telecommunications and Radio Engineering*, 79(10), pp. 855-863.

3. Yousef Ibrahim Daradkeh, and Iryna Tvoroshenko (2020) Application of an Improved Formal Model of the Hybrid Development of Ontologies in Complex Information Systems, *Applied Sciences*, 10(19). p. 6777.

4. Asaad Ma. Babker, Abd Elgadir A. Altoum, Irina Tvoroshenko, and Vyacheslav Lyashenko (2019) Information Technologies of the Processing of the Spaces of the States of a Complex Biophysical Object in the Intellectual Medical System HEALTH, *International Journal of Advanced Trends in Computer Science and Engineering*, 8(6), pp. 3221-3227.

5. Gorokhovatskyi V.O., Tvoroshenko I.S., and Vlasenko N.V. (2020) Using fuzzy clustering in structural methods of image classification, *Telecommunications and Radio Engineering*, 79(9), pp. 781-791.

6. Tvoroshenko I.S., and Gorokhovatsky V.O. (2020) Effective tuning of membership function parameters in fuzzy systems based on multi-valued interval logic, *Telecommunications and Radio Engineering*, 79(2), pp. 149-163.