



EUROPEAN CONFERENCE

Conference Proceedings

XIX International Science Conference
«Modern inventions, technologies and ideas:
problems, theories and challenges»

May 11-13, 2026

Sofia, Bulgaria

MODERN INVENTIONS, TECHNOLOGIES AND IDEAS: PROBLEMS, THEORIES AND CHALLENGES

Abstracts of XIX International Scientific and Practical Conference

Sofia, Bulgaria
(May 11-13, 2026)

UDC 01.1

ISBN – 979-8-90214-564-6

The XIX International scientific and practical conference «Modern inventions, technologies and ideas: problems, theories and challenges», May 11-13, 2026, Sofia, Bulgaria, 296 p.

Text Copyright © 2026 by the European Conference (<https://eu-conf.com/>).

Illustrations © 2026 by the European Conference.

Cover design: European Conference (<https://eu-conf.com/>).

© Cover art: European Conference (<https://eu-conf.com/>).

© All rights reserved.

No part of this publication may be reproduced, distributed, or transmitted, in any form or by any means, or stored in a data base or retrieval system, without the prior written permission of the publisher. The content and reliability of the articles are the responsibility of the authors. When using and borrowing materials reference to the publication is required. Collection of scientific articles published is the scientific and practical publication, which contains scientific articles of students, graduate students, Candidates and Doctors of Sciences, research workers and practitioners from Europe, Ukraine and from neighboring countries and beyond. The articles contain the study, reflecting the processes and changes in the structure of modern science. The collection of scientific articles is for students, postgraduate students, doctoral candidates, teachers, researchers, practitioners and people interested in the trends of modern science development.

The recommended citation for this publication is: Veligotska Y.S., Ayoub Y., Alsaid A.O. The architectural synthesis of modern residential systems and Moroccan vernacular principles. Abstracts of XIX International Scientific and Practical Conference. Sofia, Bulgaria. Pp. 14-16.

URL: <https://eu-conf.com/en/events/modern-inventions-technologies-and-ideas-problems-theories-and-challenges/>

35.	Guliyev R.I. IMPACT OF LAND USE AND LAND COVER (LULC) DYNAMICS ON AGRICULTURE IN THE SAMUKH DISTRICT OF AZERBAIJAN (2000–2022): A REMOTE SENSING AND STATISTICAL APPROACH	145
36.	Шабельник Р.М. ГІДРОХІМІЧНИЙ РЕЖИМ РІЧКИ ДНІПРО У МЕЖАХ КАМ'ЯНСЬКОГО ВОДОСХОВИЩА	155
HOTEL AND RESTAURANT BUSINESS		
37.	Koliadych K., Liulka O., Hubenia V. STAFF ONBOARDING SYSTEM IN A RESTAURANT ESTABLISHMENT	158
38.	Sirenina M., Liulka O., Hubenia V. THE CONCEPT OF A RESORT ECO-HOTEL WITH A MICROGREEN FARM	160
39.	Stoyanova A., Tkachuk Y. QUALITY MANAGEMENT SYSTEM FOR RESTAURANT SERVICE – SERVICE STANDARDIZATION	162
40.	Sydorenko T., Liulka O., Hubenia V. AUTONOMOUS LIFE SUPPORT SYSTEM IN A BUSINESS HOTEL	164
41.	Voita K., Tkachuk Y. DIGITAL-FREE CONCEPT IN A HOTEL FOR FAMILY VACATIONS	166
42.	Zdrilko O., Polovyk V., Hubenia V. FOOD STYLING AS A STRATEGIC FACTOR IN SALES PERFORMANCE OF FROZEN READY MEALS: A THREE-LEVEL FRAMEWORK BASED ON A MULTI-COMPONENT MODEL SYSTEM	168
43.	Zdrilko O., Polovyk V., Hubenia V. PREPARATION OF FROZEN CULINARY PRODUCTS FOR FOOD PHOTOGRAPHY SESSIONS	171
JURISPRUDENCE		
44.	Вереша О.Р. ТРАНСФОРМАЦІЯ ВІДНОСИН ВЛАСНОСТІ НА ПРИРОДНІ РЕСУРСИ В ПЕРІОД НЕЗАЛЕЖНОСТІ УКРАЇНИ: ТЕОРЕТИКО-ПРАВОВИЙ АСПЕКТ	174

DIGITAL-FREE CONCEPT IN A HOTEL FOR FAMILY VACATIONS

Voita Karyna

Student majoring in Hotel and Restaurant Business,
National University of Food Technologies, Kyiv, Ukraine

Tkachuk Yurii

Candidate of Technical Sciences (Ph. D.)
Associate Professor at the Department of
Hotel and Restaurant Business,
National University of Food Technologies, Kyiv, Ukraine

The relevance of the topic is driven by the growing demand for “digital hygiene” and mindful recreation. Families are increasingly affected by information overload, disrupted sleep patterns, conflicts over children’s screen time, and the difficulty of organizing shared leisure activities without devices. Under these conditions, the digital-free concept is viewed as an innovative service format that combines spatial solutions, rules for gadget use, and a package of offline activities [1].

The purpose of the study is to examine the concept of digital detox in hotels for family vacations in the Zakarpattia region of Ukraine.

The Rakhiv destination has a strong resource base for “analog” leisure, including proximity to natural routes and eco-educational sites, potential for family walks and short hikes, and opportunities for seasonal demand diversification (summer routes and the winter infrastructure of Drahobrat) [2]. Indicators of tourism development in the region confirm an increase in tourist tax revenues and the presence of an extensive network of recreational facilities [3].

The organizational model of the digital-free service is designed as a combination of three elements: 1) screen-free spaces within the guestrooms and key public areas; 2) rules for device use formalized in a “family agreement” at check-in; and 3) a program of offline activities with clearly defined terms, duration, and pricing. Functionally important solutions include a locker station for temporary phone storage and controlled Wi-Fi access (full connectivity is provided only in the work area near the front desk and in a co-working niche; Wi-Fi is not available in guestrooms, children’s rooms, or the restaurant).

To commercialize the digital-free approach, a portfolio of services was developed, including the flagship product “Family Screen-Free Evening” (a daily program in the reading library and children’s room), the “24 Hours Offline” package, themed workshops in Carpathian crafts, a “quiet room” with elements of a sleep ritual, and family weekend mini-tours. This set of services enables workload planning for staff, testing of pricing scenarios, and the creation of added value.

To translate the concept into measurable management practice, a KPI system was proposed and grouped into the following blocks: “service design,” “behavioral changes,” “well-being and sleep,” and “loyalty and financial effect.” Example indicators include the share of families using the lockers, average daily screen-free time, perceived sleep quality (based on a short “before/after” scale), the repeat-booking rate among program participants, and revenue per offline activity.

The obtained results confirm that the digital-free concept can serve both as a positioning strategy and as a structured service model with predictable financial parameters. The practical value of the approach lies in the possibility of using the proposed solutions as a basis for a business plan for establishing a new accommodation facility or for modernizing existing hotels in recreational regions through the implementation of digital-detox elements.

References:

1. Horiunova, K. A., & Stoika, A. V. Organization of Hotel Management [Electronic resource]: textbook. Kyiv: MDU, 2024. 203 p. Available at: <http://repository.mu.edu.ua/jspui/handle/123456789/6045> (accessed: 23 Nov 2025).
2. World Tourism Organization. Official website [Electronic resource]. Available at: <https://www.unwto.org> (accessed: 23 Nov 2025).
3. State Statistics Service of Ukraine. Official website [Electronic resource]. Available at: <https://ukrstat.gov.ua> (accessed: 23 Nov 2025).

Scientific publications

MATERIALS

The XIX International Scientific and Practical Conference
«Modern inventions, technologies and ideas: problems, theories and challenges»

Sofia, Bulgaria
(May 11-13, 2026)