EDITORIAL

The IADIS International Journal on Computer Science and Information Systems (IJCSIS) is a peer-reviewed scientific journal published exclusively in an electronic format. Its mission is to publish original contributions pertaining to the topics of Information Systems and their uses, to disseminate knowledge amongst its readers and to be a reference publication. The IADIS IJCSIS publishes original research papers and review papers, as well as auxiliary material such as short ongoing research papers, case studies, conference reports, management reports, book reviews and commentaries.

Volume 21, Issue 1 (ISSN: 1646-3692) combines seven selected original papers that bring together researchers covering the wide spectrum of the area of Computer Science and Information Systems in different contexts. The authors' contributions embrace significant research topics and intend to provide a current depiction of the research in the field while opening the way to future research.

The first contribution to this issue by Tural Ahmadli entitled "ENTERPRISE ARCHITECTURE – A SYSTEMATIC LITERATURE REVIEW ON DEFINITIONS, BENEFITS, CHALLENGES, AND EVALUATION MODELS" presents a systematic review of Enterprise Architecture research, offering an integrative definition while tracing its evolution, benefits, challenges, and evaluation approaches. It tries to provide a consolidated perspective on the field and identify key directions for advancing both research and organizational practice.

The second paper, by Giovanni Galeoto, Donatella Valente, Ilaria Ruotolo, Giovanni Sellitto and Luisa Romanò entitled "NATIONWIDE DIGITAL SIMULATION FOR HEALTH PROFESSIONS ADMISSION TEST PREPARATION: DEVELOPMENT, IMPLEMENTATION, AND EARLY DESCRIPTIVE DATA FROM ITALIAN STUDENTS" explores the development and implementation of a digital platform that simulates the Italian Health Professions admission test, supporting large-scale student preparation and data collection.

The third paper entitled "VIRTUAL LABORATORIES IN SECONDARY EDUCATION IN UKRAINE: PREVALENCE, IMPLEMENTATION PRACTICES, TEACHER'S PERCEPTIONS, AND SYSTEMIC BARRIERS" written by Svitlana Skvortsova, Tetyana Symonenko, Kira Hnezdilova and Natalia Molodcha examines the adoption of virtual laboratories in Ukrainian secondary education during wartime, analyzing teachers' usage patterns, perceived benefits, and implementation barriers through a nationwide survey.

The fourth paper, by Petra Maria Asprion, Bettina Schneider and Luca Knecht entitled "STRENGTHENING ORGANISATIONAL DEFENCE: A GOVERNANCE FRAMEWORK AGAINST AI-DRIVEN CYBER THREATS" examines how AI facilitates malicious activities by identifying and categorizing the primary criminal components linked to AI-enabled threats.

The fifth paper, authored by Filip Drmic, Monyrak Kim and Thomas Keller , with the title "PSYCHOSOCIAL PREDICTORS OF AI CHATBOT RISK AMONG SWISS APPRENTICES" investigates whether loneliness, social anxiety, and privacy concerns predict membership in a risk group for problematic AI chatbot use among Swiss apprentices aged 15 to 19. It is based on a quantitative online survey conducted at vocational schools across Switzerland.

The sixth paper, entitled "REFRAMING DIGITAL TRANSFORMATION: A MULTIDIMENSIONAL MODEL OF SUSTAINABLE TRANSFORMATION THROUGH INNOVATION CULTURE, CSR, AND ORGANISATIONAL RESILIENCE" by Tanja Grmuša, Goran Luburić and Dijana Vuković develops and empirically tests a conceptual model exploring the relationships among digital transformation, innovation culture, corporate social responsibility (CSR), and organizational resilience in explaining sustainable organizational performance.

The last paper, "THE WEB OF AUTOMATION ANXIETY: MAPPING DIGITAL FEAR FROM MAINFRAMES TO ARTIFICIAL INTELLIGENCE", by Wendy L. Currie, Jonathan Seddon and Leslie P. Willcocks develops an integrated, historically grounded conceptualization of automation anxiety within the IS field. Based on an inductive synthesis of IS and social science literature, it defines automation anxiety and identifies five interrelated dimensions: job replacement, deskilling effects, supply chain risk, data vulnerability, and Solow's paradox.

These papers highlight the diverse aspects of research conducted across various contexts within Computer Science and Information Systems. The literature reviews provide a strong theoretical foundation for these fields, while the empirical investigations into different technologies offer valuable opportunities for generating innovative insights.

The Editors

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