

EDITORIAL

The IADIS International Journal on WWW/Internet (IJWI) is a peer-reviewed scientific journal published exclusively in electronic format. The IADIS IJWI is devoted to the WWW and Internet broad fields. The mission of this journal is to publish original contributions in its domain fields to disseminate knowledge amongst its readers and be a reference publication. It publishes original papers, review papers, ongoing research papers, technical reports, case studies, conference reports, management reports, book reviews, notes, commentaries, and news on future scientific events.

This volume (Volume 23, Issue 2 - ISSN: 1645-7641) combines 6 selected original papers that bring together researchers covering the wide spectrum of the WWW and Internet presented in different areas and contexts.

The first contribution to this issue entitled “BEHAVIOURAL CHANGE ASSESSMENT IN 39 CITIES OF THE EU MISSION AIMING AT CLIMATE-NEUTRAL AND SMART CITIES” authored by Rohit Mondal, Sabrina Bresciani and Francesca Rizzo explores how European cities integrate behavioural change into their climate transition strategies toward climate neutrality. Focusing on 39 cities in the EU’s NetZeroCities project, it analyses how non-GHG (greenhouse gas) indicators align with stages of behavioural change. The findings reveal cities’ priorities in assessing behavioural change and offer insights for policymakers to better embed human behaviour into systemic urban climate actions.

The second paper, by Øyvind Heimset Larsen, Anna Maria Urbaniak-Brekke and Ivar Petter Grøtte, entitled “DEVELOPMENT OF SCANDINAVIAN PUBLIC WARNING SYSTEMS”, evaluates the effectiveness of Digital Audio Broadcasting (DAB) warning systems in Norwegian rural areas through five case studies. Findings show that short, repeated, and multilingual audio messages significantly improve alert responses across diverse emergencies. The study highlights three key recommendations: prioritize integration with existing systems, invest in training and competence development, and ensure continuous user involvement in design and implementation.

The third paper, “AI-GENERATED VIDEO AS A PROTOTYPING LANGUAGE FOR GAME DESIGN COMMUNICATION: INSIGHTS FROM THERAPEUTIC GAME DEVELOPMENT USING OPENAI’S SORA”, authored by JaeJun Lee, Soyoun Eom, Joo-Eun Kang, Anderson Sungmin Yoon, Hayoung Oh and Min Ah Kim presents a three-stage AI-generated video-prototyping pipeline, combining OpenAI’s ChatGPT and SORA, as a communication medium in the development of a therapeutic game named Mind Trekking. The three-stage pipeline helped teams align mechanics with therapeutic goals, explore alternative ideas, and reduce misunderstandings compared to text-only design documents.

Adriano Luiz de Souza Lima and Christiane Gresse von Wangenheim authored the fourth paper entitled “PREDICTING VISUAL AESTHETICS DISTRIBUTIONS OF MOBILE GUIS USING DEEP LEARNING. This study presents a model for the automatic assessment of the distribution of visual aesthetics in mobile graphical user interfaces (GUIs) of Android applications developed with App Inventor. The study models GUI visual aesthetics as full distributions of human ratings rather than single scores, capturing both perceived quality and rater disagreement.

In the fifth paper, named “EDUCATIONAL EFFECTIVENESS OF MATHEMATICS E-LEARNING WITH A UNIFIED MATH INPUT USER INTERFACE”, the author Tetsuo Fukui focuses on the importance of STEM education and how entering mathematical formulas digitally remains a challenge. To improve this, an intelligent formula-input interface using predictive conversion was proposed in 2015. This study applies the unified formula-input UI within the Moodle+STACK e-learning system and evaluates its effectiveness in a university mathematics class.

The sixth and final contribution with the title “FROM RECOGNITION TO RELIABILITY: A FRAMEWORK FOR TRUSTWORTHY”, written by Ahmed M. H. Abdelfattah & David George Atef introduces *MuseePal*, an AI-powered tourist assistant that mitigates generative AI risks through a formalized, constraint-based architecture. *MuseePal* employs a Grounding-Aware framework combining real-time vision with a strict retrieval-augmented generation pipeline.

It is widely recognized that technology is ever-present and has the potential to enhance various facets of society. These papers demonstrate that technological advancements have expanded our ambitions, promoting a more global and international approach to its development and application.

The Editor,

Pedro Isaias
Universidade Aberta (*Portuguese Open University*), Portugal