

EDITORIAL

The IADIS International Journal on WWW/Internet (IJWI) is a peer-reviewed scientific journal published exclusively in an 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 in order to disseminate knowledge amongst its readers and to 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 18, Issue 2 - ISSN: 1645-7641) combines 8 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 by Lucas C. de Almeida, Daniel S. do Prado, Lucas M. C. e Martins, Francisco L. de Caldas Filho, Fábio L. L. de Mendonça and Rafael T. de Sousa Jr entitled “DESIGN AND IMPLEMENTATION OF A COLLABORATIVE PLATFORM MODEL FOR EPIDEMIC AND COLLECTIVE HEALTH SERVICES”, focuses on Collaborative Health Data Systems. This study explores “the technological choices for the implementation of a system in which, collaboratively, users provide health information, which are made available through panels with scalability in access and flexibility in the analysis, allowing a macro view of the situation”.

Bahareh Zarei and Martin Gaedke authored the second paper with the title “DISCO: WEB SERVICE DISCOVERY CHATBOT”. This paper proposed a method based on chatbot technology to focus on the usability issues of Web service discovery solutions. According to the authors the proposed “approach retrieves services based on the extracted parameters from the requester’s query such as domain, operations and entities”. By integrating the chatbot in the Web service discovery process, the authors enhanced the retrieval rate and offered users a natural-language-based interface that does not require them to have prior knowledge about Web service’s structure.

The third paper, “VIDEO ADS' CREATIVITY AND STRUCTURE INFLUENCE ON BRAND CONGRUENCE AND ENGAGEMENT”, authored by Sónia de Almeida Ferreira, Sara Santos and Pedro Espírito Santo examines whether the advertising videos produced by the brands that show the quotidian lives of the public are being effective in engaging in social media. This study examines the effects of creativity and the structure of narratives on social media engagement. The authors assessed the mediating effects of brand congruence. It was performed a questionnaire survey and the data obtained were tested using structural equations in the AMOS software.

The fourth paper, “PROPOSAL FOR A HIGHER EDUCATION ADMISSION MANAGEMENT SYSTEM WITH THE USE OF OPEN SOURCE TECHNOLOGIES”, authored by Bráulio Alturas and Junior Marimbique has the purpose to develop an information system prototype for a higher education admission management information system. It is proposed open-source software engineering tools that can support its development. In this study it is presented the key concepts related to information systems, higher education and open source software.

The fifth paper, “SECURE MICROSERVICES - A REVIEW APPLYING THE THEORY OF THE CONSOLIDATED META-ANALYTIC APPROACH”, authored by Phillipy Ferreira, Welyngton Dal Prá, Daniel N. Araújo, Gabriel de O. Alves, Lucas M. C. e Martins, William F. Giozza and Rafael T. de Sousa Jr focuses on relevance of applying microservice based system architecture. The purpose of this work is to “identify trends and relevant bibliometric information based on an in-depth bibliographic analysis through the Theory of the Consolidated Meta-analytical Approach”.

The sixth paper entitled “TESTING THE INFORMATION REQUIREMENTS OF AN ONLINE TOOL FOR COLLECTIVE DECISION-MAKING” written by Roumen Vragov and Nanda Kumar examines the information requirements of an Online Compensation Election mechanism. It is evaluated if the level of detail of the information available to a voter about the preference intensities of other voters affects voting behavior. The authors realize that a “decrease in the granularity of the real preference intensity information about others does not affect voting behavior and the referendum’s compensation outcomes”.

“KEYPHRASE BASED USER PROFILES IN SHORT-TERM AND SESSION-TERM QUERY LOGS”, the seventh paper written by Sara Abri and Rayan Abri examines keyphrase-based user profiles in the personalized web search by considering how integration between keyphrase extraction and personalization by state-of-the-art occurs. For assessment of the proposed model, keyphrase-based user profiles using the re-ranking algorithms were applied using different datasets.

The last contribution written by Hideki Okita, Hayato Hoshihara, Norihisa Komoda and Toru Fujiwara with the title “DYNAMICALLY PRIORITIZED FAILURE MANAGEMENT ACCORDING TO RELIABILITY MODEL IN LARGE-SCALE DATA CENTER” focuses on the reliability of VMs (virtual machines) which differ through its lifecycle. It is proposed a “method to model the varying failure rate of the VM and to elect the target to focus on based on the failure rate”.

More and more, it is known that Technology is always present and it can be used to improve all aspects in our society. These papers illustrate that the development of technology have increased our ambitions to make all aspects of technology a more global and international matter.

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