

EDITORIAL

The IADIS International Journal on WWW/Internet (IJWI) is devoted to the WWW and Internet broad fields. The IADIS IJWI is a peer-reviewed scientific journal published exclusively in an electronic format. 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. This journal 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 12, Issue 2 - ISSN: 1645-7641) combines 10 selected original papers that bring together researchers covering the wide spectrum of the WWW and Internet in the context of Human Computer Interaction, Mobile Learning, WWW/Internet and Information Systems. The authors' contributions embrace important research topics such as Information Visualization, Social Networking Services, Information Retrieval, Interaction design, Privacy Enhancing Technologies and mobile learning amongst other.

The first contribution to this issue by Andrew Wodehouse and Marion Sheridan entitled **QUALITATIVE CONSIDERATIONS FOR KINAESTHETICS IN HCI** presents an "exploration of emotional reaction to gestural interface design using Laban's Movement Analysis from the field of dance and drama." It is examined how one can balance, extend and if required complicate user interfaces to improve the use of the human body. Also, it is discussed how Laban's effort actions can be applied to the area of Gesture Controlled User Interfaces (GCUI).

The second paper by Konstantina Vemou and Maria Karyda with the title **GUIDELINES AND TOOLS FOR INCORPORATING PRIVACY IN SOCIAL NETWORKING PLATFORMS** reports on the principles of privacy-by-design and develops preceding literature by identifying privacy requirements for the development of privacy-friendly Social Networking Services (SNS) platforms. Also, in this study is examined currently implanted privacy practices in four popular SNS platforms such as: Facebook, Google+, Twitter and Pinterest in order to evaluate the level of built-in privacy. Consequently, the authors propose some guidelines and tools that SNS platform designers can use.

The third paper, **VISUALIZING PRODUCTIVE NETWORKS** authored by André Sabino, João Gouveia and Armanda Rodrigues focuses on recommendations that depend on an information model, which facilitates recommendation systems, using only the relationships between users, items and keywords. In this study, the authors presented a visualization and interaction platform for productive networks, where users are capable to determine potential relationships through related data. The presented platform was designed to be used with different types of data, giving the possibility of finding relationships in many different environments.

The fourth paper, **NEW FORMS OF NEGOTIATING MEANING ON THE MOVE: THE USE OF MOBILE-BASED CHATTING FOR FOREIGN LANGUAGE DISTANCE LEARNING** by María Dolores Castrillo, Elena Martín-Monje and Elena Bárcena examines the capability of mobile chatting via WhatsApp for the improvement of a type of natural and colloquial written interaction that has a well-built connection with oral discourse. It was performed a structured exploration of the potential of WhatsApp as a medium for collaborative learning of German with Spanish students that are studying German as a foreign language.

The fifth work by Hilda Tellioglu, Alexander von Franqué, Christian Kletzander and Alexander Kögler entitled **UML-QUIZ: AUTOMATIC CONVERSION OF WEB-BASED E-LEARNING CONTENT IN MOBILE APPLICATIONS** explores the use of Learning Management Systems to provide e-learning content. The authors present "a native mobile application (UML-Quiz) that imports quiz content from

Moodle and adapts it for a mobile environment”. The authors report in the the design decisions for UML-Quiz and the usability optimizations to the content and to the interaction mechanisms.

The sixth contribution by Chientzu Candace Chou, Lanise Block and Renee Jesness with the title STRATEGIES AND CHALLENGES IN IPAD INITIATIVE: LESSONS LEARNED FROM YEAR TWO evaluates the influence of iPad integration on teaching and learning environments and activities in a large school district in Midwest United States. The aims of this study are to assess the impact of an iPad cart initiative on teaching practices and student learning and to examine the best practices for iPad implementation.

The seventh paper, ESTIMATION OF REVIEW HELPFULNESS BY CONTENT COVERAGE AND WRITING STYLE by Akihide Bessho, Takayuki Yumoto, Manabu Nii and Kunihiko Sato focuses on the notion that customer reviews can give useful or useless information. The authors propose some methods to categorize customer reviews into helpful and unhelpful. The authors focus on content coverage and writing style of the reviews.

Andreas Both, Viet Nguyen, Mandy Keck, Martin Herrmann, Dietrich Kammer, Rainer Groh and Dana Henkens authors of the eighth paper entitled MOTIVE-BASED SEARCH USING A RECOMMENDATION-DRIVEN VISUAL DIVIDE AND CONQUER APPROACH reports on the problems of the well-known hierarchical search approaches based on category systems. The authors performed a wide user study “based on a search-driven application considering motive-based search scenarios, which are driven by a search goal that cannot be formulated precisely at the beginning of the search task”.

The ninth paper with the title PERFORMANCE EVALUATION FRAMEWORK OF ALL CLASSES OF SELECTORS FOR JAVASCRIPT LIBRARIES written by Sotiris P. Christodoulou and Andreas B. Gizas reports on the purpose of the authors to carefully and meticulously study and evaluate the performance of JavaScript Libraries (JL) selectors and classify them in various performance classes. To accomplish this purpose, it was conducted a test-suite of 263 selectors to cover all possible kinds of selectors found in real world cases and assess the performance of these selectors on 6 popular JLs, with an enhanced version of slickspeed suite and a large set of jsperf tests.

The final paper, EVALUATING THE IMPACT OF DEMOGRAPHIC DATA ON A HYBRID RECOMMENDER MODEL by Edson B. Santos Junior, Marcelo Garcia Manzato and Rudinei Goularte assesses a multifaceted hybrid recommender model proposed by the authors, which integrates a set of different user’s inputs into a unified and generic latent factor model. With this model evaluation, the authors have the aim to investigate the impact of demographic data on hybrid recommenders, in order to better comprehend how these systems are behaving in terms of the recommendation accuracy, precision and recall, computational cost and improvements of technical.

Increasingly, it is known that technology must be used to improve aspects in our education, daily life, security as well as contribute to the growth and development of our societies. These papers illustrate that the development of technology have increased our ambitions to make all aspects of technology a more global and international matter and to improve our life quality and the way we use technology in our lives. The review of the relevant literature contributes to the theoretical grounding of these areas and the innovative empirical research on different technologies creates opportunity for the development of ground-breaking findings.

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