

# Guest Editorial

<http://dx.doi.org/10.3991/ijes.v1i1.3042>

The fifth edition of the International Conference on Web and Information Technologies (ICWIT'2013) was held in Hammamet - Tunisia on **May 09-12 2013**. It was organized by the Multimedia Information systems and Advanced Computing Laboratory at the Institute of Informatics and Multimedia of Sfax. It was supported by the Tunisian Ministry for the Higher Education and Scientific Research in Tunisia, The Data Management Association and the University of Sfax. The home page of this Conference can be found at URL: <http://icwit13.aigtunisie.org>

ICWIT'2013 is interested in promoting high quality research as it can be confirmed by acceptance rates, where from 143 submissions; only 35% were accepted as full papers each of which was refereed by at least two members of the Program Committee. In addition, there was four invited sessions for long papers which are:

- Internet and Web Technologies,
- Multimedia and Information systems,
- Ontology Engineering and Applications,
- Web Security, Wireless communications and Sensors Networks.

After the scientific days the program committee suggested to publish a selection of best presented paper in a special issue of the journal iJES: "*International Journal of Resent Contributions from Engineering, Science and IT*", <http://online-journals.org/i-jes>. Out of the 58 long papers that were presented during the Conference, we have encouraged authors of 15 papers to prepare extended versions of their papers for submission to the special issue, from which we have selected 9, after a thorough evaluation process. These 9 papers are included in this issue.

The first paper, titled *Partitioned-based fuzzy clustering to learn documents' triadic similarity*, is co-authored by Sonia ALOUANE KSOURI, Minyar SASSI HIDRI, Kamel BARKAOUI. This paper deals with a fuzzy triadic similarity measure (FTSim) to calculate memberships in a context of document co-clustering.

The second paper, titled *Advanced Profile Similarity to Enhance Semantic Web Services Matching*, is co-authored by Zahira CHOUIREF, Abdelkader BELKHIR, Allel HADJALI. This paper present a profile similarity matching method based on new quantitative and qualitative similarity measure in the context of Semantic Web Services.

The third paper, titled *Using Linguistic Resource for Cross-Lingual Ontology Alignment*, is coauthored by Marouen KACHROUDI, Sami ZGHAL, Sadok BEN YAHIA. This paper introduces a new alignment method for multilingual ontologies. The proposed method implements a strategy of a direct alignment based on an

The forth paper, titled *Handling nodes mobility and failure during bootstrapping in randomly deployed Ring-based Wireless Sensor Networks*, is co-authored by

Ghofrane FERSI, Wassef LOUATI, Maher BEN JEMAA. This paper propose a distributed local recovery method for use in our bootstrapping protocol that allows it to handle efficiently nodes failure and mobility.

The fifth paper, titled *Semi-automatic Domain Ontology Construction from Spoken Corpus in Tunisian Dialect: Railway Request Information*, is co-authored by Jihen KAROUI, Marwa GRAJA, Mohamed MAHDI BOUDABOUS, Lamia HADRICH BELGUTH. This paper suggests a hybrid method for building a domain ontology from spoken dialogue corpus in Tunisian Dialect for the railway request information domain.

The sixth paper, titled *Hypovigilance detection based on eyelids behavior study*, is coauthored by Belhassen AKROUT, Walid MAHDI. This paper deals with a new approach based on the video analysis to detect automatically the state of a driver drowsiness to reduce the accidents number.

The seventh paper, titled *A Novel Approach for Drowsy Driver Detection Using Eyes Recognition System Based on Wavelet Network*, is co-authored by Ines TEYEB, Olfa JEMAI, TAHANI BOUCHRIKA, Chokri BEN AMAR. This paper presents a based wavelet Network approach for drowsiness detection system.

The eighth paper, titled *Combined multi-encryption techniques for Text securing using block cipher and stream cipher crypto-systems*, is authored by Hassene SEDDIK. The paper presents a new approach presenting a multi-encryption system for text and file text.

The ninth paper, titled *Integration of Lightweight Semantic Enterprise Service-Oriented Architecture within Corporate Environmental Management Information Systems*, is authored by Tariq Mahmoud. This paper presents the main aspects of the Semantic Enterprise Service-Oriented Architecture (SESOA) and how it supports an implementation of the Corporate Environmental Management Information System (CEMIS).

The Guests editor wishes to thank all authors who submitted their papers to the special issue. He also thanks the program committee and the reviewers of this special issue, whose dedications made it possible. Last but not least, they wish to thank the Editor in Chief of the International Journal of Resent Contributions from Engineering, Science and IT, for the opportunity he offers ICWIT'2013 to showcase part of its proceedings.

Walid MAHDI & Faiez GARGOURI  
ISIM, Sfax, Tunisia  
{walid.mahdi , faiez.gargouri}@isimsf.rnu.tn