

EDITORIAL PREFACE

Information Technology Research

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Journal of Information Technology Research (JITR) starts with its eighth volume a new editorial period. First I would like to thank the previous Editor-in-Chief, Dr. Mehdi Khosrow-Pour, for his excellent work in the direction of the journal.

Information Technology Research is a fully multicultural, multidisciplinary and interdisciplinary research filed with a broad scope of application areas, which is the right approach to face up the complex Knowledge Society problems and challenges we currently have to (García-Peñalvo, 2013, 2014a, 2014b, 2015). Thus, this journal is open to receive research contributions regarding the most emerging and breakthrough areas of information science and technology, including Engineering, Computer Science, Social Science, Medicine, Information Science, Knowledge Management, etc., but especially we encourage submitting works that present solid solutions to complex problems with an interdisciplinary approach.

This first issue of the eighth volume of JITR has been set up with the aim presented above including six research papers.

Singh and Kumar (2015) focuses their work, entitled “Multi-Disciplinary Research Issues in Cloud Computing”, on identification of research issues in the cloud computing environment, and categorizing these issues in the technical, legal and management domains with a multidisciplinary perspective.

The paper “Using Incoming Traffic for Energy-Efficient Routing in Cognitive Radio Networks” by Mavromoustakis et al. (2015) proposes an energy-efficient routing scheme that is based on a resource intensive traffic-aware approach, enabling for the maximization of the energy conservation in cognitive radio networks.

The security issues in social networks is covered in Franchi et al. (2015) paper that reviews some typical social attacks that are conducted on social networking systems, carrying real-world examples of such violations and analyzing in particular the weakness of password mechanisms.

Following with the security issues, Hashemi et al. (2015) propose an architecture for E-government by using Cloud computing architecture which can largely increase the integrity

and security service in E-government, and also increase users' confidence in the system and may lead to increased participation.

FLOSS (Free/Libre/Open Source Software) systems are a very common solution in the companies and institutions to run their businesses. However, the nature of FLOSS is different from the software they have been using in the last decades. Macho et al. (2015) present an interesting method to evaluate a FLOSS systems using Moodle platform as case study.

The last paper by Belcadhi and Ghannouchi (2015) entitled "How to design an active e-course? Meta Models to support the process of instructional design of an active e-course" is devoted to define an approach to transform a face-to-face active course into a web-based active course based on meta-models for performing this transformation.

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REFERENCES

- Belcadhi, L. C., & Ghannouchi, S. A. (2015). How to design an active e-course? Meta Models to support the process of instructional design of an active e-course. *Journal of Information Technology Research*, 8(1).
- Franchi, E., Poggi, A., & Tomaiuolo, M. (2015). Information Attacks on Online Social Networks. *Journal of Information Technology Research*, 8(1).
- García-Peñalvo, F. J. (2013). *Multiculturalism in Technology-Based Education: Case Studies on ICT-Supported Approaches*. Hershey, PA, USA: Information Science Reference. doi:10.4018/978-1-4666-2101-5
- García-Peñalvo, F. J. (2014a). Formación en la sociedad del conocimiento, un programa de doctorado con una perspectiva interdisciplinar. *Revista Teoría de la Educación. Educación y Cultura en la Sociedad de la Información*, 15(1), 4–9.
- García-Peñalvo, F. J. (2014b). Managing the Knowledge Society Construction. *International Journal of Knowledge Management*, 10(4), iv–vii.
- García-Peñalvo, F. J. (2015). Engineering contributions into a Knowledge Society multicultural perspective. [IEEE RITA]. *IEEE Revista Iberoamericana de Tecnologías del Aprendizaje*, 10(1), 17–18. doi:10.1109/RITA.2015.2391371
- Hashemi, S. K. M., & Hashemi, S. Y. (2015). Cloud Computing for Secure Services in E-Government Architecture. *Journal of Information Technology Research*, 8(1).
- Macho, H. J., Robles, G., & González-Barahona, J. M. (2015). Evaluation of FLOSS by Analyzing its Software Evolution: An Example Using the Moodle Platform. *Journal of Information Technology Research*, 8(1).
- Mavromoustakis, C. X., Bourdena, A., Mastorakis, G., & Pallis, E. (2015). Using Incoming Traffic for Energy-Efficient Routing in Cognitive Radio Networks. *Journal of Information Technology Research*, 8(1).
- Singh, J., & Kumar, V. (2015). Multi-Disciplinary Research Issues in Cloud Computing. *Journal of Information Technology Research*, 8(1).