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- The Fifth International Conference on the Applications of Digital Information and Web Technologies (ICADIWT 2013)

- The Eighth International Conference on Digital Information Management (ICDIM 2013)

- The Second Symposium on Nature Inspired Computing and Applications (NICA) @ AISB 2013

Editorial

The **Journal of Information Technology Review (JITR)** has completed its three years of publication with a notable progress in terms of quality and visibility.

The current first issue of this volume brings research on varied themes. The first paper has offered an innovative design which implements a performing compiler for parallelizing Java application with divide and-conquer algorithm. The complier is built around Java ForkJoin framework. The advantage of this complier, the authors *Abdourahmane SENGHOR* and *Karim KONATE* claim that it tends to make easier and less error-prone the parallelization of recursive applications. This paper 'A Java Fork-Join Framework-based Parallelizing Compiler for Dealing with Divide and-conquer Algorithm' has also presented supporting experimental data.

Wikipedia has been used as a good data set for many research studies recently. However, we do not have much research on the general aspects. *Dimitrios Xanthidis* and *Eisa Abdullah Aleisa* in their paper on 'The Role of Wikipedia in Research and Education', have addressed the quality issues in Wikipedia. Interconnections between many models enhance good interaction and one example of it is the transitions of Petri nets to DEVS models. *Sofiane Boukelkoul* and *Mohammed Redjimi* in their paper on 'Mapping Between Petri Nets and DEVS Models' proposed a translation approach of Petri nets to DEVS "Discrete Event System Specification" models which showed good capabilities.

Chafiqa Radjai and *Idir Rassoul* in their paper on 'Towards the unification of modeling temporal aspects of information systems' have proposed Temporal Modeling characterized by temporal aspects. Their aim is to propose a meta-model based on pre-existing representation formalisms. They postulate that it will help to access the successive states the evolution of Information System by time.

We are pleased that the papers in this issue are posting a different kind of newer research in information technology.

Editors