

Editorial

We are pleased to release the third issue of the **International Journal of Computational Linguistics Research** with the three below presented papers.

In the first paper on “**Securing MapReduce Programming Paradigm in Hadoop, Cloud and Big Data Ecosystem**”, the author *Anitha Patil* viewed that it is a very challenging to secure MapReduce computations from malicious attacks. The author in this paper has introduced an algorithm based on differential privacy to protect big data from malicious Mapper and Reducer. The author has built a prototype application to demonstrate proof of the concept. The result as the author claimed showed the utility of the proposed approach.

In the next paper on “**An Enhanced Population based Local Search for the Nurse Rostering Problem**” the authors analysed the performance of PB-LS for nurse rostering problem. The INRC2010 database with a dataset composed by 69 instances is used to test the performance of PB-LS. A comparison was made between the performance of PB-LS and other existing approaches in the literature. Results show good performances of PB-LS compared to other approaches (PB-LS provides best results in majority of the cases).

In the last paper on “**Neural Network Ensemble approach for the Chinese Clinical Named Entity Recognition**”, the authors have focused a neural network ensemble approach, which combines five individual neural network models (i.e., CNN-CRF, BiLSTM-CRF, BiLSTM-CNNCRF, BiLSTM+CNN-CRF and Lattice LSTM). For this work the authors used various features (i.e., stroke, word segmentation and dictionary features) are adopted. On the official test set, our best submission achieves the F-scores of 88.63% and 95.19% under the “strict” and “relaxed” criteria, respectively.

We do hope that the papers of this issue mark technical merit.

Editors