International Journal of Computational Lir	nguistics Research Vol.	4 No. 4 December 2013
--	-------------------------	-----------------------

Contents	
Editorial	i
Research	
Concept Based vs. Pseudo Relevance Feedback Performance Evaluation for Information Retrieval System- Mohammed El Amine Abderrahim	149
Implementation of Context Window and Context Identification Array for Identification and Interpretation of Non Standard Word in Bengali News Corpus-Chandan Kundu, Rajib Kumar Das, Kalyan Sengupta	159
Cross-Language Personal Name Mapping- Ahmed Yousef	172
Book Review	193

## **Editorial**

The last issue of this volume has three very significant pieces of research as described below.

Query formulation plays a central role in natural language processing and hence researchers have attached importance to the techniques on it. In the current paper the author *Mohammed El Amine Abderrahim* has compared the concept based and the pseudo relevance feedback reformulation in the Arabic text processing. With the help of the volume of the experiments, he found that the pseudo relevance feedback reformulation has little edge in the Arabic information processing.

Processing of non-standard words in any language causes many challenges and researchers have been working to address this issue for many languages. In the paper on "Implementation of Context Window and Context Identification Array for Identification and Interpretation of Non Standard Word in Bengali News Corpus" the authors *Chandan Kundu, Rajib Kumar Das* and *Kalyan Sengupta* have proposed a system to identify and interpret the non standard words in Bengali news corpus. They presented the experimental results with the unique characteristics of the Bengali language. Hope this paper has room for future specific investigations.

Ahmed Yousef in his paper on "Cross-Language Personal Name Mapping" proposed a new framework for name matching between Arabic language and other languages. For name matching he prepared a dictionary as interface which is built once using the data of the source and destination database for name matching. The two mechanisms, he advocated are matching and processing for which he built an architecture. With the huge datasets he proposed improvements and directions for future research.

We assure to publish more volume in the years to come.

## **Editors**