The 17th International Conference on Intelligent Software Methodologies, Tools and Techniques (SOMET 2018)

Granada, Spain, Sept. 26-28, 2018

Special Session:

Empirical studies on knowledge modelling and textual analysis(KMTA)

http://secaba.ugr.es/SOMET2018/#sessions

Introduction

Knowledge is the kernel of the human intelligence and intelligent systems. Although knowledge modelling has been researched for many years, it is still a challenging task in practice. This is largely because knowledge is very complex, dynamic and nonlinear, thus it is very difficult to be analyzed, discovered and represented.

Knowledge exists in many textual documents. Human beings usually express their opinion, record their findings with natural language forms. Therefore, mining knowledge from textual data is inherently a very important research domain. Recent years, many different but related sub-areas of text mining researches, such as sentiment analysis, document classification, knowledge graph mining, question-answering and dialogue systems, drawn a lot of attention. Along with the advances in computing power, algorithms, and the accumulating of big data, the results have been improved in a great deal and techniques have shown great potential.

This special session welcomes different kinds of studies of knowledge modelling from textual documents and other related kinds of researches, such as knowledge integration from structured or unstructured data sources, automatic text generation based on domain knowledge, knowledge modelling for special applications, and applications of natural language processing. The topics include, but are not limited to, the following:

- Textual mining
- Sentiment analysis and opinion mining
- Summarization from textual documents
- Knowledge graph issues
- Knowledge integration
- Knowledge systems and applications
- Specific domains of textual analysis

Session Organizers

- Professor Yinglin Wang - Shanghai University of Finance and Economic, China
- Associate Professor Xing Wu, Shanghai University, China

Important Dates

- Paper submission: **March 31, 2018**
- Camera Ready: **June 15, 2018**
- Registration: **June 2 – July 4, 2018**

Paper Submission

The papers of this session will be printed in proceeding of main conference. The Proceedings of the conference will be published as a book by *IOS international publisher* in series: *Frontiers in Artificial Intelligence and Applications*, that is indexed by SCOPUS.

- Sign in: https://cmt3.research.microsoft.com/SOMET2018
- Select Special Session: **Empirical studies on knowledge modelling and textual analysis**.

Papers must be written by using the IOS format **up to 14 A4 pages** for Regular papers, and up to 10 pages for Short papers. The submissions will be peer-reviewed for originality and scientific quality.

(IOS format: https://www.iospress.nl/service/authors/latex-and-word-tools-for-book-authors/)

Contact:

Yinglin Wang, SUFE, Shanghai, China (wang.yinglin@shufe.edu.cn)

Xing Wu, SHU, Shanghai, China (xingwu@shu.edu.cn)