



**CALL FOR PAPERS
SPECIAL SESSION ON**

**“Knowledge discovery and Machine Learning in a Multilingual context”
for CODIT’18**

April 10-13, 2018 –Thessaloniki, Greece

Session Co-Chairs:

Ass.Prof.Ramzi Guetari, *University of Tunis El Manar, Tunisia*

Ass.Prof. Adel Khalfallah, *University of Tunis El Manar, Tunisia*

Ass. Prof Olfa Mourali, *University of Tunis El Manar, Tunisia*

Session description

This special session deals with the problem of the information extraction, the knowledge discovery and the machine learning in a global context where the information is exchanged in different languages.

With technological advances, digital libraries are now accessible all over the world. This global context automatically imposes the use of different languages in different sources of information or even in the same source. In this global context, multilingual digital libraries face particular challenges including the use of different character sets and/or their encoding, machine translation, and cross language information retrieval.

The goal of this special session is to bring together researchers, professionals and users from around the world, involved in the domains of the machine learning, the information extraction, and the knowledge discovery to expose the results of their research works, to discuss the methods and solutions to address the possible ways to combine information from different sources or in different languages in order to extract relevant information and knowledge.

The topics of interest include, but are not limited to:

- Machine learning
- Information extraction and knowledge discovery
- Natural Language Processing
- Data Mining and Text Mining
- Automatic Text Translation
- Association Mining from multilingual sources
- Information Retrieval
- Automatic Semantic Annotation
- Knowledge discovery and image processing
- Frequent Pattern Mining
- Speech Analysis
- Case-based Reasoning and Learning

SUBMISSION

Papers must be submitted electronically for peer review through PaperCept by **December 10, 2017**: <http://controls.papercept.net/conferences/scripts/start.pl>. In PaperCept, click on the **CoDIT 2018 link "Submit a Contribution to CoDIT'18" and follow the steps.**

All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double column format).

DEADLINES

December 10, 2017: deadline for paper submission

February 4, 2018: notification of acceptance/reject

February 28, 2018: deadline for final paper and registration.