

WENTI - Web, Networks and Text Intelligence

Special Track for the Ninth International Conference on Computer Science & Software Engineering – C3S2E'16

Date: July 20 – 22, 2016

Venue: ISEP, Porto, Portugal

IMPORTANT DATES:

April 10, 2016

Paper Submission Deadline: ~~31 March~~, 2016

Notification of acceptance: May 23, 2016

Camera-Ready papers: June 24, 2016

The Web is nowadays not only a tremendously useful tool but also a vast repository of knowledge, mostly in textual form. The huge amount of information poses challenges in information retrieval, information extraction and preference modeling. At the same time, such a complex network of information items, dynamically evolving with time and hiding semantics offers a unique opportunity for artificial intelligence techniques to mature. Other realities, from telephone calls to the human brain, can also be modeled as networks and cross fertilize with the developments of Web intelligence. Work in these areas benefit from knowledge, concepts and techniques from artificial intelligence, statistics, linguistic, graph theory, among other fields. Web Mining, Text Mining and Complex Networks are hot application areas for AI and source for inspiration for new AI methods and algorithms. The growing of social networks and Web site interactivity demands more powerful representation for Web and its dynamics, such as Graphs and Complex Networks. Complex Network formalisms are being applied not only for the Web but to approach many other complex phenomena studied in AI. Known developments are self adaptive web sites, usage monitoring, web site personalization, social network analyses, community detection, automatic Web site organization, information retrieval, information extraction, large document collection mining and exploration, visualization, usability, among others.

This special session will include relevant and novel work on methods and theories (and their applications) that help us understand the Web and how to build automatic tools for better exploiting its complex world, including potentially useful techniques for exploring textual sources and other kinds of contents, as well as computational methodologies for exploring complex networks.

LIST OF TOPICS

Web and text mining

Visual Web mining

Link mining

Web usability

Web automation and adaptation

Web content mining

Multi media Web mining

Recommender systems

Focused crawling

Community detection

Social network mining and analysis

Graph mining

Complex networks

Information Retrieval

Information Extraction

Ontologies in Text Mining

Document and Text Classification

Visual Text Mining

Opinion mining

SUBMISSION & REGISTRATION

Please refer to the conference site <http://confsys.encs.concordia.ca/C3S2E/c3s2e16>.

All accepted papers will be published by ACM Digital Library. Maximum 8 pages (full paper), or 2 pages for student poster.

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