

IV International Workshop on Web and Text Intelligence (WTI-2012)

<http://www.labic.icmc.usp.br/wti2012/>

Best papers to be invited for inclusion in the
Journal of the Brazilian Computer Society (Springer)

Important dates:

Deadline for paper submission: June 28, 2012

Notification to authors: August 20, 2012

Camera ready submission: August 30, 2012

Web and text intelligence are related areas that have been used to improve human computer interaction in general and in particular to explore and analyse information available on the Internet. Both areas benefit from knowledge, concepts and techniques from artificial intelligence, statistics, linguistic, graph theory, among other fields. Web and Text Mining 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.

The Web and Text Intelligence workshop expects to gather researchers who work on methods and theories (and their applications) that help us to understand the Web and to build automatic tools for better exploiting its complex world.

This workshop is a follow up of the 3rd International Workshop on Web and Text Intelligence (<http://www.labic.icmc.usp.br/wti2010/>) which took place in São Bernardo, Brazil, October, 2010, as a workshop of SBIA10; the 2nd International Workshop on Web and Text Intelligence (<http://www.labic.icmc.usp.br/wti2009/>) which took place in São Carlos, Brazil, September 2009, as a workshop of STIL09; the 1st Web and Network Intelligence (<http://epia2009.web.ua.pt/wni/>) which took place in Aveiro, Portugal, October 2009, as a thematic track of EPIA09; and the 1st International Workshop on Web and Text Intelligence (<http://www.liaad.up.pt/~wti08/>) which took place in Salvador, Brazil, October 2008, as a workshop of SBIA08.

Suggested 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 for the Web
- 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

Submission Instructions

All submissions will be refereed by experts in the field based on originality, significance, quality and clarity. Every submitted paper to WTI will be reviewed by at least two members of the Program Committee. Papers must be prepared according to the LNCS/LNAI style template (<http://www.springer.de/comp/lncs/authors.html>) and must be no more than six (10) pages long, in English, Portuguese or Spanish, including figures and bibliography.

The selected papers will be included on CD-ROM if at least one author registers to the BRACIS conference and presents the paper.

Paper submissions and the review process to WTI will be handled using the conference support platform <https://submissoes.sbc.org.br/index.cgi>.

After the conference, authors of best papers will be invited to submit an extended version of their papers for possible inclusion in the JBCS - the **Journal of the Brazilian Computer Society**.

Chairs

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A (preliminary) list of program committee members, including their affiliations

To be invited:

Hércules Antonio do Prado, PUC, Brasília,
Renata Vieira, Unisinos, Brasil,
Celso Antônio Alves Kaestner, UFPR, Brasil,
Maria Carolina Monard, USP, Brasil,
Maria das Graças Volpe Nunes USP, Brasil,
Maria Cristina Ferreira de Oliveira, USP, Brasil,
Rosane Minghim, USP, Brasil,
Zhao Liang, USP, Brasil,
Carlos Soares, U. Porto, Portugal,
José Paulo Leal, U. Porto, Portugal,
José Luís Borges, U. Porto, Portugal,
Pavel Brazdil, U. Porto, Portugal,
Gael Harry Dias, UBI, Portugal,
Paulo Azevedo, U. Minho, Portugal,
Mário Silva, U. Lisboa, Portugal,
Myra Spiliopoulou, U. Magdeburg, Germany,
Bettina Berendt, U. K. Leuven, Belgium,
Lubos Popelinsky, Masaryk U., Check Rep,
Dunja Mladenic, Josef Sten Institute, Slovenia,
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