

Date: 12-July-2007
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Subject: Applied Linguistics and Natural Language Processing

Full Title: Applied Natural Language Processing

Date: 15-May-2008 - 17-May-2008
Location: Coconut Bay, Florida, USA
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Web Site: http://www.msstate.edu/dept/english/applied_nlp/flairs_2008
Linguistic Field(s): Applied Linguistics

Call Deadline: 19-Nov-2007

Applied Natural Language Processing
Special Track at
the 21st International FLAIRS Conference
In cooperation with the American Association for Artificial Intelligence

Grand Bay Miami Hotel
Coconut Grove, Florida
May 15th-17th, 2008

Paper submission deadline: November 19th, 2007.

Notifications sent by: January 21st, 2008.

Camera Ready paper due: February 21st, 2008.

Call for Papers

Goal

The track of Applied Natural Language Processing is a forum for researchers working in natural language processing (NLP), computational linguistics (CL), applied linguistics (AL) and related areas. The rapid pace of development in natural language processing in textual studies, speech recognition, speech production, and data mining has led to a revived interest in tools able to understand, organize and extract information from natural language sources. These include the analysis of online materials, most of them in textual form or text combined with other media (visual, audio), the use of innovative human-computer interfaces, such as interactive agents, which benefit from language understanding, and the use of computational tools to facilitate intelligent tutoring systems and instructional methodology. In addition, natural language processing can facilitate

human-computer interaction for people with special needs, assist in the organization of classification systems, and coordinate text segmentation.

While papers and contributions on traditional issues are welcome, the 2008 special track will emphasize applications by the NLP/CL community, particularly in areas such as multilingual processing, learning environments, multimodal communication, bioNLP, spam filtering, language acquisition, textual assessment, language varieties, materials development, generic classification, and educational applications etc. We also encourage papers in information retrieval, speech processing and machine learning that present actual applications that can benefit from or have an impact on NLP/CL.

Topics

We invite original papers that describe work in, but not limited to, the following areas:

1. NL-based Knowledge Representations and Systems
2. Applied Linguistics and First and Second Language Acquisition
3. English for Specific Purposes
4. Textual assessment indices
5. Syntax
6. Semantics
7. Coreference Resolution
8. Word Sense Disambiguation
9. Text Cohesion and Coherence
10. Dialogue Management and Systems
11. Language Generation
12. Language Models
13. Human Computer Interfaces - in particular, multimodal human-computer communication and language as the only acceptable human-computer communication channel for the handicapped and elderly
14. Machine Learning applied to NL problems

15. Multilingual Processing
16. Standardization, Language Resources, Corpora Building, and Annotation Languages
17. NL in Learning Environments
18. Semantic Web, Ontologies, Reasoning
19. Applications: Machine Translation, Summarization, Intelligent Tutoring, Question Answering, Information Extraction, etc.
20. Others

Submission Guidelines

Interested authors should format their papers according to [AAAI formatting guidelines](#). The papers should be original work and not submitted (or in submission) to any other conference. Papers should not exceed 6 pages and are due by November 19th, 2007. For FLAIRS-21, the 2008 conference, the reviewing is a double blind process. Fake author names and affiliations must be used on submitted papers, to provide double-blind reviewing. Papers must be submitted as PDF through the EasyChair conference system. (n.b. Do not use a fake name for your EasyChair login - your EasyChair account information is hidden from reviewers. Authors should indicate the special track if one exists that closely matches the topic of their paper. All submissions will be done electronically via the FLAIRS web submission system available through the paper submission site at <http://www.easychair.org/FLAIRS-21/> Please, check the website <http://www.flairs.com/> for information regarding submission.

Conference Proceedings

Papers will be refereed and all accepted papers will appear in the conference proceedings which will be published by AAAI Press. Selected authors will be invited to submit extended versions of their papers to a special issue of the International Journal on Artificial Intelligence Tools (IJAIT) to be published in 2008.

Organizing Committee

Philip McCarthy, Institute for Intelligent Systems
Scott Crossley, Mississippi State University

Current Program Committee

Anna Feldman, Montclair State University
Stephen Anthony, University of California San Diego
Smaranda Muresan, Columbia University
Andrew Gordon, University of Southern California
Diana Inkpen, University of Toronto
Vasile Rus, University of Memphis
Peter Clark, Boeing
Andrew Olney, Institute for Intelligent Systems
Constantin Orasan, University of Wolverhampton
Katherine M Forbes Riley, University of Pittsburg
Sidney D'Mello, Institute for Intelligent Systems
Chutima Boonthum, Hampton University
Srinivasa Pillarisetti, Institute for Intelligent Systems
Yorick Wilks, University of Sheffield
Leo Ferres, Carleton University
Zygmunt Vetulani, Adam Mickiewicz University
Gael Dias, University of Beira Interior
Kyle Demsey, Institute for Intelligent Systems
Asif Ekbal, Jadavpur University
Rada Mihalcea, University of North Texas
Sivaji Bandyopadhyay, Jadavpur University
Xiaofei Lu, Pennsylvania State University
Manish Mehta, Georgia Institute of Technology
Andrea Corradini, University of Potsdam
Roberto Navigli, University of Rome La Sapienza

Further Information

Questions regarding the NLP Special Track should be addressed to the track co-chairs:

Philip McCarthy, [email](#)

Scott A. Crossley, [email](#)

Questions regarding paper submission should be addressed to the FLAIRS-2008 program co-chairs:

David Wilson, University of North Carolina Charlotte, [email](#)

Geoff Sutcliffe, University of Miami, [email](#)

General questions concerning the conference should be addressed to the FLAIRS-2008 conference co-chairs:

Douglas D. Dankel II, University of Florida, [email](#)

Special Tracks Chair

Rainer Knauf, Ilmenau Technical University, Ilmenau, Germany

Invited Speakers

To be announced

Conference Web Sites

Paper submission site: <http://www.easychair.org/FLAIRS-21/>

NLP Special Track web page:

http://www.msstate.edu/dept/english/applied_nlp/flairs_2008

FLAIRS-2008 conference web page: <http://www.flairs-21.info/>

Florida AI Research Society (FLAIRS): <http://www.flairs.com>

[FLAIRS 2008 home page](#)