

Workshop on “Language technology and text-technological methods for E-Learning”

To be held in conjunction with the 10th KONVENS (“Konferenz zur Verarbeitung Natürlicher Sprache”, Conference on Natural Language Processing), Saarbrücken (Germany)

- Call for Papers -

Date: September 8, 2010

Location: Universität des Saarlands, Saarbrücken, Germany

Submission Deadline: May 16, 2010

http://konvens2010.de/workshop_en.html

Theme and Scope

The relevance of E-Learning has grown in the past ten years, both in academic and non-university environments. While most of the efforts done in the first decade concentrated on the creation of E-Learning platforms (Learning Management Systems), a second aspect, which became relevant during the last five years, was research on the didactic part of E-Learning, trying to locate a place for the technically enhanced learning scenarios in the wider range of learning in general.

For these reasons often only Computer Science and Educational Science are meant as academic disciplines that drive the innovation, it is a fact that in addition Computational Linguistics and Text Technology are playing an important role, too. Examples of activities of both disciplines are ICALL, CALL and other NLP-related tasks and methods used in E-Learning applications, as well as the use of linguistic corpora for E-Learning, and E-Learning-related standards and specifications (e.g. IEEE LOM, SCORM, IMS Learning Design). Although research in these fields is often followed separately from each other, both research perspectives on E-Learning share two global tasks: 1. The implementation of adaptive and personalized learning, 2. the (semi-)automation of generating and retrieving learning objects, tests, glossaries or the like. The first task is either accomplished in the framework of ICALL and the use of NLP-methods (Computational Linguistics and Computer Science), or by adopting standards and specifications like SCORM, IMS Simple Sequencing or IMS Learning Design (Text Technology). With regard to the second task, computational linguists often rely amongst others on machine learning techniques or statistical methods, while Text Technology often focus on the step further ahead: the modeling of sustainable learning content using text-technological methods and tools (such as markup languages, open corpora or user generated content), which may be both

automatically recombined and retrieved on the basis of the information provided by their annotation.

This workshop tries to bring together participants from all involved fields, either academic or non-university. We especially invite contributions dealing with the generation, modeling or retrieval of flexible learning objects, learning scenarios, or learning sequences, but also contributions dealing with E-Learning as a research question included in but not limited to the following application fields:

- (Intelligent) Computer-Assisted Language Learning
- NLP methods in E-Learning applications (e.g. Assessment and Feedback, Generation of Content, Tests, Glossaries or the like)
- Ontologies in the context of E-Learning
- Linguistic corpora as a resource for E-Learning
- User generated content in the context of E-Learning

Invited Speakers

Iryna Gurevych (TU Darmstadt)
Erik Duval (Katholieke Universiteit Leuven)

Organizers

Maja Bärenfänger (Justus-Liebig-Universität Gießen)
Maik Stührenberg (Universität Bielefeld)

Program Committee

- Delphine Bernhard (LIMSI-CNRS, Orsay, France)
- Lothar Lemnitzer (Berlin-Brandenburgische Akademie der Wissenschaften)
- Henning Lobin (Justus-Liebig-Universität Gießen)
- Cerstin Mahlow (Universität Zürich)
- Michael Piotrowski (Universität Zürich)
- Fridolin Wild (Open University)
- Magdalena Wolska (Universität des Saarlandes, Saarbrücken)

Important Dates

Deadline for submission (extended abstract or full paper): May 15, 2010

Notification of acceptance: July 6, 2010

Workshop: September 8, 2010

Camera-ready full Paper due: October 16, 2010

Submission Format

We welcome contributions in the form of extended abstracts (not longer than 4 pages, including bibliography and figures). As the review process will be anonymous, your submission must not contain the author(s) name(s) and affiliation(s), or other indications of the author(s) identity. Each submission will be blind reviewed by at least two members of the Program Committee.

The workshop languages are English and German. We encourage the submission of contributions in English. Submission should be done via EasyChair at <http://www.easychair.org/conferences/?conf=elc12010> by May 16, 2010.

Accepted papers will be published in the form of full papers (not longer than 10 pages) in a special issue of the Journal for Language Technology and Computational Linguistics (JLCL). Full papers should be submitted by October 16, 2010.¹

If you need further information please don't hesitate to contact either Maik Stührenberg (maik.stuehrenberg@uni-bielefeld.de) or Maja Bärenfänger (maja.baerenfaenger@germanistik.uni-giessen.de)

Important Note: Authors of accepted papers must register as participants for KONVENS 2010, even if they intend to participate in the workshop only. Additional fees for the Workshop are 5 €.

¹ For style sheets and templates both for \LaTeX and Word visit http://www.ldv-forum.org/index.php?modus=style_sheets&language=.