

Zentrum für interdisziplinäre Forschung (ZiF), Universität Bielefeld

„Processing Text-Technological Resources“

International and Interdisciplinary Conference

Bielefeld, 13.3.2008 - 15.3.2008

Organization: Kai-Uwe Kühnberger, University of Osnabrück
Henning Lobin, University of Giessen
Alexander Mehler, University of Bielefeld
Angelika Storrer, University of Dortmund
Dieter Metzger, University of Bielefeld (local organizer)

Approaches to the processing of text-technological resources are seen to fulfill several crucial long-term goals: They contribute: (1) to the integration and re-usability both of heterogeneous linguistic and textual data and of annotations; (2) to the incremental extension and adaptation of resources; (3) to the construction of bi-directional relationships between linguistic and textual structures on the one hand and semantic relations, word- or term nets and ontologies on the other hand; and (4) to a broader access and sustainability of linguistic and textual resources.

Development and evaluation of processing procedures for textual resources have been focussed upon in the second research period of the Research Unit „Text Technological Modeling of Information“ of the German Research Council (DFG)¹ which consists of projects at the Universities of Bielefeld, Dortmund, Giessen, Osnabrück and Tübingen. Results obtained by this group will be discussed in the broader context of current research of related research fields during this international and interdisciplinary conference at the Centre for Interdisciplinary Research (ZiF). Discussions at the frontier of established research communities may lead to new research questions and perspectives.

The conference consists of 6 sections related to the projects of the Research Unit „Text Technological Modeling of Information“ as well as to neighboring research fields:

¹<http://www.text-technology.de>

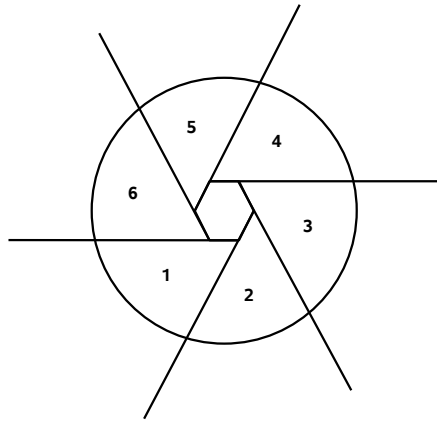


Figure 1: Processing Text-Technological Resources

1. „Text Parsing: Data Structures, Architecture, Evaluation“
2. „Identification of Thematic Structures: Methods, Resources, Applications“
3. „From Textual Data to Ontologies, from Ontologies to Textual Data“
4. „Multidimensional Representations: Solutions for Complex Markup“
5. „Document-Structure Learning: Procedures for Multiply Structured Data and Web-Documents“
6. „Sustainability of Text-Technological Resources“

Each section consists of a 'discourse part' and a 'discussion round' with invited speakers, invited experts and members of the Research Unit participating.

Further information about this conference will be sent by e-mail next month.