C A L L   F O R   P A P E R S
N L D B ' 2 0 0 3
8th International Conference on
APPLICATIONS OF NATURAL LANGUAGE TO INFORMATION SYSTEMS

Burg (Spreewald) near to Cottbus, Germany
June 23–25, 2003
http://www.nldb.org

Since 1995 the NLDB conference aims at bringing together researchers, industrial and potential users interested in various applications of NATURAL LANGUAGE in the DATABASE and INFORMATION SYSTEMS field.

The integration of databases and natural language has been an utopia for a long time. Nowadays, this is an accessible convergent point on which a lot of researchers are focusing, mainly due to the large progress of research in natural language and to the development of new technologies which allow the storage of real semantic electronic dictionaries. Each aspect of an information system life cycle may be improved by natural language techniques: database design (specification, validation, conflict resolution), database query languages and application programming that use new software engineering research (e.g. natural language program specifications). As information systems are now evolving into the communication area, the term databases should be considered in the broader sense of information and communication systems.

DEADLINES:

Submission of abstracts: **Jan 6, 2003**

Submission of papers: **Jan 15, 2003**

Announcement of acceptance: March 1, 2003

Deadline for submission of the final version: April 10, 2003

Conference date: June 23 - 25, 2003

NLDB HISTORY:

Previous conferences have been held in Versailles (France), Amsterdam (The Netherlands), Vancouver (Canada), Klagenfurt (Austria), Versailles (France), Madrid (Spain) and Stockholm (Sweden) and have attracted researchers from all the continents.

PUBLICATION:

The proceedings are going to be published in the Lecture Notes in Informatics (LNI) of the Springer Verlag, Berlin. Additionally, selected papers may be submitted for the special edition of the Journal of Data and Knowledge Engineering.

CONFERENCE CHAIR :

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PROGRAM COMMITTEE CHAIR:

Antje Düsterhöft
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MAJOR TOPICS OF INTEREST :

Natural Language for Web Information-Intensive Services
    Semantic information retrieval
    Semantic Web
    Semi-structured models and associated languages
    Web usage, content and structure mining for discovering semantics
    Concept taxonomies and web mining
    Learning taxonomies and ontologies from the web
    Information extraction with machine learning

Natural Language in Conceptual Modeling
    Analysis of natural language descriptions
    Requirement engineering
    Terminological ontologies
    Paraphrasing
    Dynamic modeling
    Verification, consistency checking
    Metadata harvesting

Natural Language Interfaces for Data Base Querying/Retrieval
    Natural languages interfaces for database querying
    Verification of database queries by paraphrasing
    Semantic analysis for information retrieval
    NL interaction with databases

Natural-Language-Based Integration of Systems
    Linguistic aspects of view integration
    Linguistic aspects of data warehouses
    Natural language queries to multi-databases systems
    Data integration and data cleansing

Large-Scale Online Linguistic Resources
    Electronic dictionaries
    Question-answer corpora
    Informal ontologies
    Linguistic databases
    Digital libraries

Using Computational Linguistics for IS
    Multilingual information systems
    NLP in requirements engineering
    NLP in knowledge management
    Ontology-driven NLP
    Semiotics and fundamentals

Management of Textual Databases
    Text classification
    Information extraction and detection
    Text mining for creating metadata
    Document management
    Hypertext and Hyperbases

SETTING:

The Spreewald area is one of the most famous natural resorts and recreation areas in Germany. The area is based on a delta of the river Spree with a large number of small channels which can be used by paddling boats, etc.

Burg is in the center of the Spreewald. It is very closed to Cottbus and easy to reach via train or car. The airports in Berlin and in Dresden are connected via direct trains.

SUPPORTING EVENTS:

The organizers would like to provide for opportunities to disseminate work in a variety of ways. Those interested in preparing tutorials or panel discussions are invited to contact the conference chair. Demonstrations of prototypes or tools are also welcome.

PROGRAM COMMITTEE:

Chair

Antje Düsterhöft

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INVITED LECTURE:

Yuri Gurevich, Microsoft Research