

CALL FOR PAPERS

The 10th International Conference on
Web Information Systems Engineering (WISE 2009)
conference workshop on

Exploiting Structured Information on the Web (ESIW 2009)

Poznan, Poland, October 5-7, 2009

<http://wise2009.ue.poznan.pl/ESIW/>

In recent years we observe growing availability of structured information on the Web. While significant part of it is in a human-readable form, not adapted for automated processing (HTML, AJAX, Flash, Deep Web, Web applications), more machine-processable information enters the Web thanks to complementary top-down and bottom-up tendencies.

Bottom-up tendencies are related to publication of structured information in a machine-processable form (e.g. in XML, RDF, JSON). It also covers annotation of unstructured content with meta-data (e.g. microformats, RDFa, SIOC, MPEG-7). Top-down approaches are related to algorithmically structuring unstructured information. They combine different methods of Web mining, information extraction, classification, categorisation, automated linking and named entities recognition. Moreover, phenomena combining these tendencies, such as social annotation of resources, are widely present in today's Web.

More structured information on the Web enables information integration using shared vocabularies (linked data approach), data mashups (domain-specific integration), and automated algorithmic information integration (schemas matching, dataspace, lexical techniques). In parallel, popularization of mashup, data monitoring and social data sharing techniques, enable easier information reuse and growing number of intelligent services combining various dynamic information sources, algorithms and explicit or implicit users input.

The ESIW 2009 workshop will adopt a multidisciplinary approach to current tendencies in exploiting structured information on the Web. The workshop will provide an informal and vibrant forum for researchers and industry practitioners to share their research results and practical development experiences.

KEY DATES

~~May 1, 2009~~ Paper Submission

May 15, 2009 Paper Submission

Jun 15, 2009 Author Notification

Jun 28, 2009 Camera-ready Papers

Jun 28, 2009 Author registration

Oct 5-7, 2009 Conference & Workshops

WORKSHOP ORGANISERS

Dominik Flejter, Poland

Tomasz Kaczmarek, Poland

Marek Kowalkiewicz, Australia

PROGRAM COMMITTEE

Manuel Alvarez,

University of A Coruna, Spain

Michael K. Bergman,

Structured Dynamics LLC, USA

John Breslin,

DERI, NUI Galway, Ireland

Irene Celino,

CEFRIEL - Politecnico di Milano, Italy

Terence Critchlow,

PNNL, USA

Florian Daniel,

University of Trento, Italy

Sebastian Dietzold,

University of Leipzig, Germany

Pavel Dmitriev,

Yahoo!, USA

Francesco Guerra,

UniMORE, Italy

Thomas Hornung,

University of Freiburg, Germany

TOPICS OF INTEREST

The topics of the workshop will include, but will not be limited to the following:

- Federated and inter-organizational Web applications
- Models and query languages for Web data
- Hidden Web resource discovery, retrieval and integration
- Warehousing Web data
- Provenance of Web data
- Web wrappers
- Information extraction
- Managing uncertainty in Web-based data
- Methods for integrating and federating (Data) Web data
- Novel applications that exploit structured data sources on the Web
- Data integration and data cleaning
- Lessons learned from application of Microformats, JSON, RESTful services
- Innovative approaches to data mashups
- Structured information flows on the Web and Web-based information ecosystems
- Linked data
- Reasoning with incompletely specified structures
- Multimedia metadata / annotation schemes and methods
- Mining users and organizations profile from Web data

Denis Shestakov,
University of Turku, Finland
Celine van Damme,
Vrije Universiteit Brussel, Belgium
Yu Zheng,
Microsoft Research Asia, China
Emanuele Della Valle,
CEFRIEL - Politecnico di Milano, Italy

PUBLICATION

The proceedings of WISE 2009 workshops will be published by Springer in its Lecture Notes in Computer Science series. Paper length is 8 pages.

ENQUIRIES

Workshop Contact

Dominik Flejter

D.Flejter@kie.ue.poznan.pl

phone: +48 (61) 854-36-90

fax: +48 (61) 854-36-33