

## The second International Workshop on Regulatory Ontologies

- WORM 2004 -

Part of the [International Federated Conferences \(OTM '04\)](#)

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October 25-29 2003 , Larnaca, Cyprus

### Call for Papers

In many application areas (such as e-commerce, e-governments, content standardizations, legal information systems etc.), the modeling of regulatory and legal knowledge is a critical. Modeling and deploying regulatory knowledge has some specifics that differentiate it out from other kinds of knowledge modeling: reasoning methods and application scenarios, the legal weight (/order) of regulations, parsing legal texts requires special semantic patterns, the sensitivity in cross-boarder regulations, etc. This workshop aims at bringing together academics, researchers, professionals and industrial practitioners to discuss issues involved in modeling regulatory ontologies. Regulatory ontologies typically involve the description of rules and regulations within the social world. In particular, we seek original contributions on the following issues of interest, but not limited to:

- Engineering of regulatory ontologies: conceptual analysis, representation, modularization and layering, reusability, evolution and dynamics, etc;
- Multilingual and terminological aspects of regulatory ontologies;
- Models of legal reasoning (from ontological viewpoint): regulatory compliance, case-based reasoning, reasoning with uncertainty, etc.
- Sensitivity on and harmonization of regulations;
- Regulatory metadata and content standardization (e.g. legal-XML/LeXML, ADR/ODR-XML,...);
- Regulatory ontologies of: property rights, persons and organizations, legal procedures, contracts, legal cuasablity, etc;
- Task models for socially regulated activities;
- Experiences with projects and applications involving regulatory ontologies in legal knowledge based systems, legal information retrieval, e-governments, e-commerce;
- Automated extraction of Information from regulatory documents.

### Invited Speaker:

Nicola Guarino, Laboratory for Applied Ontology, ISTC-CNR, Italy

<Title and abstract: To be announced...>

### Submissions

We invite papers of no more than 14 pages length (Springer style format) describing original completed work, work in progress, interesting problems or use cases, or trends in this research area. Submitted papers will be fully refereed based on the originality and significance of the ideas presented as well as on technical aspects. **Accepted papers will be published by Springer-Verlag** as a part of Proceedings of the "On The Move Federated Conferences 2004". Authors can submit their abstracts & papers via the following link: [WORM Submit-Page](#).

### Important dates

- June 18, 2004 : Deadline for submission of Abstracts
- June 25, 2004 : Deadline for submission of papers
- July 25, 2004 : Notification to paper authors
- August 20, 2004 : Final version of accepted papers
- Oct. 28, 2004 : Workshop

## Organizers and program chairs

- [Mustafa Jarrar](#) (Contact), STARLab, Vrije Universiteit Brussel, Belgium
- [Aldo Gangemi](#) (Contact), Laboratory for Applied Ontology, ISTC-CNR, Rome

## Program Committee

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- Valentina Tamma, University of Liverpool, UK
- Youssef Amghar, Laboratoire d'InfoRmatique en Image et Systèmes d'Information, INSA de Lyon, France

## Supported by:



## Previous Events

- (WORM 2003) The first International Workshop on Regulatory ontologies and the modeling of complaint regulations, November 4, 2003, Catania, Sicily, Italy. Webpage: [http://www.starlab.vub.ac.be/staff/mustafa/WORM\\_CoRE\\_2003.htm](http://www.starlab.vub.ac.be/staff/mustafa/WORM_CoRE_2003.htm)