

# Legislative XML Summer School LEX10

## \*Managing Legal Resources in the Semantic Web\*

**6-11 September 2010 - Ravenna, Italy, Faculty of Law,  
via Oberdan 1.**

<http://summerschoollex.cirsfid.unibo.it>

### Overview and Aim

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The school aims at providing knowledge of the most significant ICT standards emerging for legislation, judiciary, parliamentary and administrative documents. The course provides an understanding of their impact in the different phases of the legislative and administrative process, awareness of the tools based on legal XML standards and their constellations, and the ability to participate in the preparation and use of standard-compliant documents throughout law-making process. In particular we would like to create consciousness in the stakeholders in the legal domain about the benefits and the possibilities provided by the correct usage of the Semantic Web technologies like XML standards, ontologies, natural language techniques applied to the legal text, legal knowledge modelling and reasoning.

### Target

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LEX is designed primarily for officers of legislative bodies and other normative authorities (at the national, international, regional and local level), but its target group also includes clerks, drafters of normative texts in the private sector, digital library operators, private publishers in the legal domain, documentalists dealing with legal sources, administrative directors, eGov managers, technical director in the public administration, responsible of the

dematerialisation in the public administration, technical responsible of the document management content, students and researchers working in legal informatics and legislation studies.

## **Programme**

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The Summer School is organized in two courses:

- A Basic Course providing an introduction to the XML web technologies and the basic level of the technologies for drafting and managing standard-compliant legislative and legal documents
- An Advanced Course on the higher levels of the semantic web technologies as applied to the legal domain: modelling modifications, procedures and legal knowledge. LeX is an intensive, 6-day program, 8 hours for day, that requires participants' total dedication and intellectual commitment.

Good management of legal documents involves at least six aspects:

- Drafting methods, to improve the language and the structure of legislative texts
- Legal XML standards, to improve the accessibility and interoperability of legal resources
- Legal ontologies, to capture legal metadata and legal semantics
- Legal Knowledge extraction using natural language techniques;
- Formal representation of legal contents, to support legal reasoning and argumentation;
- Workflow models, to cope with the lifecycle of legal documents.

## **Fees and application form**

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For the full programme see the web site: <http://summerschoollex.cirsfid.unibo.it>  
Where you can find also the application form, the fees and the scholarships for students. Discount for OASIS members 10%

## Scientific Committee

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- CIRSIFID, Faculty of law, University of Bologna, prof.Monica Palmirani,  
prof. Enrico Pattaro
- Department of Computer Science, University of Bologna, prof.Fabio Vitali
- European University Institute, San Domenico di Fiesole,Florence,  
prof.Giovanni Sartor
- Leibniz Centre for Law, University of Amsterdam, prof.Tom Van Engers
- ITTIG-CNR,Florence, dr.Daniela Tiscornia, dr.Enrico Francesconi
- IDT - Autonomous University of Barcelona, prof. Pomepu Casanovas