JURIX 2013
**The 26ᵗʰ International Conference on
Legal Knowledge and Information Systems**

**University of Bologna
(Italy),
11ᵗʰ-13ᵗʰ December 2013**

JURIX 2013 Conference Program

Wednesday 11th December

Workshops

09.00 Registration

09.30 - 13.00 Morning Workshop Sessions (Coffee break at 11.00-11.30 at Sala Armi)

Workshop I: *AIIP2 – Second International Workshop on Artificial intelligence and intellectual Property Law* [**room 2**]

Workshop II: *5ᵗʰ Workshop on Artificial Intelligence and the Complexity of Legal Systems (AICOL)*

with

*Special Workshop on Social Intelligence and the Law
with*

*First Workshop on Legal Knowledge and the Semantic Web
(LK&SW-2013)* [**room 3**]

13.00 - 14.00 Lunch

14.00 - 17.00 Afternoon Workshop Sessions (Coffee break at 15.00-15.30 at Sala Armi)

Workshop I: *AIIP2 – Second International Workshop on Artificial intelligence and intellectual Property Law* [**room 2**]

Workshop II: *5th Workshop on Artificial Intelligence and the Complexity of Legal Systems (AICOL)*

with

Special Workshop on Social Intelligence and the Law with

First Workshop on Legal Knowledge and the Semantic Web (LK&SW-2013) [**room 3**]

17.00 – 18.30 Doctoral Consortium presentation [**room Sala Armi**]

18.30-20.30 Welcome Reception [**room Sala Armi**]

Thursday 12th December

09.00 – 18.30 Registration – Sala Armi

[**Main conference room: Aula Grande**]

09.15 Opening remarks by Program Chair and Local Organization Chair

Kevin Ashley and Monica Palmirani

09.30 – 11.00 **Session I: Legal Argument**
Chair- Thomas Gordon

Argumentation Schemes for Reasoning about Factors with Dimensions
Katie Atkinson, Trevor Bench-Capon, Henry Prakken and Adam Wyner

Formalising Arguments about Norms
Henry Prakken and Giovanni Sartor

From Information Retrieval (IR) to Argument Retrieval (AR) for Legal Cases: Report on a Baseline Study
Kevin Ashley and Vern Walker

11.00 – 11.30. Break (coffee, tea, air etc.) – Sala Armi

11.30 – 13.00. **Session II: Statutes and Regulations**
Chair- Enrico Francesconi

Towards Systematic Research on Statutory Interpretation in AI and Law
Michał Araszkiewicz

Legal Conflict Detection in Interacting Legal Systems
Tingting Li, Tina Balke, Marina De Vos, Julian Padget and Ken Satoh

Creating Context Networks in Dutch Legislation
Radboud Winkels, Alexander Boer and Ivan Plantevin

13.00 – 14.00. Lunch

14.00 – 15.00. **Invited talk**

Abstract Dialectical Frameworks and Their Potential for Legal Argumentation
Prof. Gerd Brewka from the *Intelligent Systems Department, Computer Science Institute, University of Leipzig*

15.00 – 15.30. Break (coffee, tea, air etc.) – Sala Armi

15.30 – 17.00. **Session III: Case Narrative, Annotation, and Representation**
Chair- Guido Governatori

A Case Study on Legal Case Annotation
Adam Wyner, Wim Peters and Daniel Katz

Unfolding Crime Scenarios with Variations: A Method for Building a Bayesian Network for Legal Narratives
Charlotte Vlek, Henry Prakken, Silja Renooij and Bart Verheij

From Oral Hearing to Opinion in The U.S. Supreme Court
Latifa Al-Abdulkarim, Katie Atkinson and Trevor Bench-Capon

17.00 – 17.20 Short Break

17.20 – 18:00: **Session IV: Legal Applications**
Chair- Burkhard Schafer

User Centered Evaluation of EQUALS, a Rule-based Legal Decision-aid
Padmaja Sasidharan, Claire Henderson, Graeme Lockwood, Andrew J I Jones and Elaine Brohan (short paper)

Modeling Collections of French Local Administration Documents
Nada Mimouni, Sylvie Salotti and Eve Paul (short paper)

18.00 – 19.30 Poster Session **[room Sala Armi]**

19.30 Close

20.30 Conference Dinner

Dinner speech
prof. Alberto Artosi from the *University of Bologna - CIRSFID*

Friday 13th December

09.30 – 13.00 Registration – Sala Armi

10.00 – 11.00. **Session V: Legal Information Extraction**
Chair- Adam Wyner

Flexible Processing and Classification for eDiscovery
Daniel Krasner and Ian Langmore

Unsupervised Keyword Extraction for Japanese Legal Documents
Tho Thi Ngoc Le, Minh Le Nguyen and Akira Shimazu

11.00 – 11.30. Break (coffee, tea, air etc.) – Sala Armi

11.30 – 13.00. **Session VI: Legal Information Extraction (cont.) and Legal Applications**
Chair- Katie Atkinson

A Proposal for Introducing the ECLI Standard in the Italian
Judicial Documentary System
Lorenzo Bacci, Enrico Francesconi and Maria Teresa Sagri

Classification of Regulatory Paragraphs by Discourse
Structure, Reference Structure, and Regulation Type
*Alan Buabuchachart, Katherine Metcalf, Nina Charness and
Leora Morgenstern* (short paper)

Ontology-driven Data Acquisition: Intelligent Support to
Legal ODR Systems
*Gaia Arosio, Giuliana Bagnara, Nicola Capuano, Elisabetta
Fersini and Daniele Toti* (short paper)

Assessing Liability with Argumentation Maps: An
Application in Aviation Law
*Giuseppe Contissa, Migle Laukyte, Giovanni Sartor and
Hanna Schebesta* (short paper)

13.00 – 14.00. Lunch

14.00 – 15:00. **Invited talk**

How to Assist Human Formalization of NL Regulations:
Lessons from Business Rules Acquisition Experiments
Prof. Adeline Nazarenko *from LIPN, Institut Galilée
Université Paris-Nord*

15.00 – 15.30. Break (coffee, tea, air etc.) – room 8

15:30 – 17.00. **Session VII: Transactions, Contracts, and
Agents**
Chair- Michał Araszkiewicz

LKIF in Commercial Legal Practice: Transaction
Configuration from Eurobonds to Copyright

Orlando Conetta and Burkhard Schafer

Heuristics for Licenses Composition
Guido Governatori, Ho-Pun Lam, Antonino Rotolo, Serena Villata and Fabien Gandon
Reflex Responsibility of Agents
Clara Smith, Antonino Rotolo and Giovanni Sartor

17:00– 17:50 **Session VIII: Supporting Public Administration**
Chair- Henry Prakken

The Légilocal Project: The Local Law Simply Shared
Florence Amardeilh, Danièle Bourcier, Hacene Cherfi, Charles-Henry Dubail, Alain Garnier, Sylvie Guillemin-Lanne, Nada Mimouni, Adeline Nazarenko, Eve Paul, Sylvie Salotti, Marjorie Seizou, Sylvie Szulman and Haïfa Zargayouna (short paper)

Towards Semi-Automatic Identification of Functional Requirements in Legal Texts for Public Administration
Yutaka Yoshida, Kozo Honda, Yuichi Sei, Hiroyuki Nakagawa, Yasuyuki Tahara and Akihiko Ohsuga

17.50 – 18.00 Closing

Kevin Ashley and Antonino Rotolo