## Program and Schedule

### Monday, June 10

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:30-9:00</td>
<td>Registration</td>
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<tr>
<td>9:00-11:00</td>
<td>Workshops and Tutorials</td>
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<tr>
<td>T1 - Practical Web Ontology and Data Design for Legal Knowledge (full-day tutorial)</td>
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<tr>
<td>Chairs: Aldo Gangemi, Valentina Presutti</td>
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<tr>
<td>T2 - An Introduction to Artificial Intelligence and Law (morning tutorial)</td>
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<tr>
<td>Chairs: Kevin Ashley, Matthias Grabmair</td>
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<td>T3 - LegalRuleML (morning tutorial)</td>
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<td>Chair: Monica Palmirani</td>
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<tr>
<td>W1 - Coherence 2013 - Artificial Intelligence, Coherence and Legal Reasoning (full-day workshop)</td>
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<tr>
<td>Chair: Michal Araszkiewicz</td>
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<tr>
<td>W2 - Argumentation in AI and Law: What Do We Know and Where Should We Go? (full-day workshop)</td>
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<tr>
<td>Chair: Trevor Bench-Capon</td>
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<tr>
<td>11:00-11:30</td>
<td>Coffee break</td>
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<tr>
<td>11:30-13:00</td>
<td>Full Day Workshops continued; Morning Tutorials concluded</td>
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<tr>
<td>13:00-14:30</td>
<td>Lunch</td>
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<tr>
<td>14:30-15:30</td>
<td>Full day Workshops continued; Afternoon Workshops; Afternoon Tutorials</td>
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<tr>
<td>T1 - Practical Web Ontology and Data Design for Legal Knowledge (continued)</td>
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<td>T4 - Textual Information Extraction from Legal Resources (afternoon tutorial)</td>
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<td>Chair: Adam Wyner</td>
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<tr>
<td>W1 - Coherence 2013 - Artificial Intelligence, Coherence and Legal Reasoning (continued)</td>
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<td>W2 - Argumentation in AI and Law: What Do We Know and Where Should We Go? (continued)</td>
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<td>W3 - Legal Open Data: From Institutions to Crowd-sourcing (afternoon workshop)</td>
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<td>Chair: Monica Palmirani</td>
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<tr>
<td>15:30-16:00</td>
<td>Coffee break</td>
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<tr>
<td>16:00-17:30</td>
<td>Workshops and Tutorials concluded</td>
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<td>17:45-19:30</td>
<td>Welcome Reception</td>
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<tr>
<td>Presenta-</td>
<td>tion of special issue <em>Artificial Intelligence and Law</em> on 25 years of ICAIL</td>
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Tuesday, June 11

8:30-9:15  Registration
9:15-9:30  Opening remarks by Senator Rosa Maria Di Giorgi
9:30-11:00  Paper session
9:30-10:00  Davide Gianfelice, Leonardo Lesmo, Monica Palmirani, Daniele Perlo, Daniele P. Radicioni, Modificatory Provisions Detection: A Hybrid NLP Approach
10:00-10:30  Guido Governatori, Francesco Olivieri, Antonino Rotolo, Simone Scannapieco, Legal Contractions: A Logical Analysis
10:30-11:00  Oanh Thi Tran, Minh Le Nguyen, Akira Shimazu, Reference Resolution in Legal Texts
11:00-11:30  Coffee break
11:30-13:00  Paper session
11:30-12:00  Zaher Salah, Frans Coenen, Davide Grossi, Extracting Debate Graphs from Parliamentary Transcripts: A Study Directed at UK House of Commons Debates
12:00-12:30  Marc van Opuijnen, A Model for Automated Rating of Case Law
12:30-13:00  Guido Boella, Marijn Janssen, Joris Hulstijn, Ilio Humphreys, Leendert van der Torre, Managing Legal Interpretation in Regulatory Compliance
13:00-14:30  Lunch
14:30-15:30  Invited Address
   Rosaria Conte, Minding Norms
15:30-16:00  Coffee break
16:00-17:15  Demonstration session
   Guido Boella, Luigi Di Caro, Daniele Rispoli, Livio Robaldo, A System for Classifying Multi-label Text into EuroVoc
   Luc Ferrand, Isabelle Pesquié-Geday, Hammurabi, the legal Expert Assistant Platform for the French Judge
   Thomas F. Gordon, Introducing the Carneades Web Application
   Guido Governatori, Sidney Shek, Regorous: A Business Process Compliance Checker
   Jop Hofste, Hans Henseler, Maurice van Keulen, Computer Assisted Extraction, Merging and Correlation of Identities with Tracks Inspector
   Anna Ronkainen, TrademarkNow NameRank and NameCheck
   Maya Wardeh, Adam Wyner, Katie Atkinson, Trevor Bench-Capon, Argumentation Based Tools for Policy-Making
17:15-18:15  Paper session
17:15-17:45  Matthias Grabmair, Kevin D. Ashley, Using Event Progression to Enhance Purposive Argumentation in the Value Judgment Formalism
17:45-18:00  Radboud Winkels, Jochem Douw, Sara Veldhoen, Experiments in Automated Support for Argument Reconstruction
18:00-18:15  Shumpei Kubosawa, Kei Nishina, Masaki Sugimoto, Shogo Okada, Katsumi Nitta, A Discussion Training Support System and Its Evaluation
18:15  Close of the day

Wednesday, June 12

9:15-10:45  Paper session
9:15-9:45  Tara Athan, Harold Boley, Guido Governatori, Monica Palmirani, Adrian Paschke, Adam Wyner, OASIS LegalRuleML
9:45-10:00  Tingting Li, Tina Balke, Marina De Vos, Julian Padget, Ken Satoh, A Model-based Approach to the Automatic Revision of Secondary Legislation
10:00-10:15 Régis Riveret, Didac Busquets, Jeremy Pitt, Giuseppe Contissa, Antonino Rotolo, Giovanni Sartor, 
Victarious Reinforcement and Ex Ante Law Enforcement: A Study in Norm-Governed Learning Agents

10:15-10:30 Anna Ronkainen, Intelligent Trademark Analysis: Experiments in Large-Scale Evaluation of Real-World Legal AI


10:45-11:15 Coffee break

11:15-12:30 Paper session

11:15-11:45 Marc Lauritsen, On Balance

11:45-12:15 Thomas Zurek, Michal Araszkiewicz, Modeling Teleological Interpretation

12:15-12:30 Doris Liebwald, Vagueness in Law: A Stimulus for 'Artificial Intelligence & Law'

12:30-12:45 Michal Araszkiewicz, Agata Lopatkiewicz, Adam Zienkiewicz, Factor-Based Parent Plan Support System

12:45-13:00 Gordon J. Pace, Fernando Schapachnik, Synthesising Implicit Contracts

13:00-14:30 Lunch

14:30-15:30 Invited Address

Radboud Winkels, 25 Years of AI & Law

15:30-16:00 Coffee break

16:00-17:00 Paper session

16:00-16:30 Charlotte Vlek, Henry Prakken, Silja Renooij, Bart Verheij, Modeling Crime Scenarios in a Bayesian Network

16:30-16:45 Kevin D. Ashley, Vern R. Walker, Toward Constructing Evidence-Based Legal Arguments Using Legal Decision Documents and Machine Learning

16:45-17:00 Michal Chalamish, Moshe Hazoom, Uri Schild, Semi-Automatic Creation of Wigmore Diagrams

17:15-18:15 IAAIL membership meeting

Tribute to Peter Jackson

20:00 Conference dinner

Dinner speech

Peter van Koppen, Spoiled Judges and the Fluidity of Evidence in Criminal Cases

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Thursday, June 13

10:00-11:00 Paper session

10:00-10:30 Laura Giordano, Alberto Martelli, Daniele Theseider Dupré, Temporal Deontic Action Logic for the Verification of Compliance to Norms in ASP

10:30-11:00 Antonino Rotolo, Serena Villata, Fabien Gandon, A Deontic Logic Semantics for Licenses Composition in the Web of Data

11:00-11:30 Coffee break

11:30-13:00 Paper session

11:30-12:00 Isabella Distinto, Nicola Guarino, Claudio Masolo, A Well-founded Ontological Framework for Modeling Personal Income Tax

12:00-12:30 Antonio Mastropaolo, Francesco Pallante, Daniele P. Radicioni, Legal Documents Categorization by Compression

12:30-12:45 Michael Curtotti, Eric McCreath, Srinivas Sridharan, Software Tools for the Visualization on Definition Networks in Legal Contracts

12:45-13:00 Nada Mimouni, Meritxell Fernández, Adeline Nazarenko, Danièle Bourcier, Sylvie Salotti, A Relational Approach for Information Retrieval on XML Legal Sources

13:00-14:30 Lunch

14:30-15:30 Invited Address

Paul Thagard, Intention, Action, and Legal Responsibility
15:30-16:00  Coffee break
16:00-17:00  Paper session
16:00-16:30  Trevor Bench-Capon, Henry Prakken, Adam Wyner, Katie Atkinson, *Argument Schemes for Reasoning with Legal Cases Using Values*
16:30-17:00  Mihai Surdeanu, Sara Jeruss, *Identifying Patent Monetization Entities*
17:00  Closing Remarks

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**Friday, June 14**

8:30-9:00  Registration
9:00-11:00  Workshops

- **W4** - 13th International Workshop on Computational Models of Natural Argument (CMNA XIII) (full-day workshop)
  *Chairs:* Floriana Grasso, Chris Reed, Nancy Green
- **W6** - Workshop on Formal Argument and Evidential Inference (full-day workshop)
  *Chairs:* Giovanni Sartor, Scott Brewer, Gustavo Ribeiro
- **W7** - Discovery of Electronically Stored Information Workshop (DESI V) (full-day workshop)
  *Chair:* Jason Baron
- **W8** - Cross-border e-justice and e-Codex (morning workshop)
  *Chair:* Marco Fabri
- **W9** - Network Analysis in Law (morning workshop)
  *Chair:* Radboud Winkels

11:00-11:30  Coffee break
11:30-13:00  Full Day Workshops continued; Morning Workshops concluded
13:00-14:30  Lunch

14:30-15:30  Full Day Workshops continued; Afternoon Workshops

- **W4** - 13th International Workshop on Computational Models of Natural Argument (CMNA XIII) (continued)
  *Chairs:* Floriana Grasso, Chris Reed, Nancy Green
- **W6** - Workshop on Formal Argument and Evidential Inference (continued)
  *Chairs:* Giovanni Sartor, Scott Brewer, Gustavo Ribeiro
- **W5** - SmartData: The New Face of AI, and the Law (afternoon workshop)
  *Chairs:* Ann Cavoukian, Stefano Nolfi
- **W7** - Discovery of Electronically Stored Information Workshop (DESI V) (continued)
  *Chair:* Jason Baron

15:30-16:00  Coffee break
16:00-17:30  Workshops concluded