

ICAIL Proceedings Evaluation Summary											[For ICAIL 2013 Study]	
(8) ICAIL 2001: St. Louis, Missouri, USA											(21-25 May 2001)	
Cum. No.	No.	Session Topic	Author	Title	Pages	Category	Sub-Category	Level	Type	Length	Comments	
Case-Based												
1	1	-	Jack G. Conrad, Daniel P. Dabney	A cognitive approach to judicial opinion structure: applying domain expertise to component analysis	1-11	Non-Theoretical	Analytical	4	Domain Expert	Full		
2	2	-	Trevor J.M. Bench-Capon, Giovanni Sartor	Theory based explanation of case law domains	12-21	Theoretical	-	1	-	Full		
3	3	-	Jaap Hage	Formalizing legal coherence	23-31	Theoretical	-	0	-	Full	Uses a different meaning of evaluation, as in evaluating expressions; evaluation of regulations.	
4	4	-	Kevin D. Ashley, Bruce M. McLaren	An AI investigation of cbaton's cognitive role	32-41	Non-Theoretical	System	4	System Comparison (F-Score)	Full		
IR / Dev of Law												
5	5	-	Stefanie Brünninghaus, Kevin D. Ashley	Improving the representation of legal case texts with information extraction methods	42-51	Non-Theoretical	System	2	Domain Expert	Full	For CBR	
6	6	-	Juliano Maranhão	Refinement: a tool to deal with inconsistencies	52-59	Theoretical	-	0	-	Full		
7	7	-	John Henderson, Trevor Bench-Capon	Dynamic arguments in a case law domain	60-69	Theoretical	-	0	-	Full	For CBR	
Machine Learning Approaches												
8	8	-	Paul Thompson	Automatic categorization of case law	70-77	Non-Theoretical	System	4	Domain Expert (System Comparison)	Full	Compares his approach to a Boolean process	
9	9	-	Erich Schweighofer, Andreas Rauber, Michael Dittlerbach	Automatic text representation, classification and labeling in European law	78-87	Non-Theoretical	System	2	Statistical	Full	SOMs	
10	10	-	Khalid Al-Kofahi, Alex Tyrell, Arun Vachher, Peter Jackson	A machine learning approach to prior case retrieval	88-93	Non-Theoretical	System	4	Domain Expert	Full		
Short Paper Session												
11	11	-	Bya M. Goklin, Kevin D. Ashley, Rosa L. Pinkus	Introducing PETE: computer support for teaching ethics	94-98	Non-Theoretical	System	2	Foreshadowed Discussed	Short		
12	12	-	Tunde Melike, John Yearwood	System development a la MOODE	99-103	Non-Theoretical	System	0	-	Short	DSSystems	
13	13	-	David E. Woodin	Design and implementation of GungaWeb: an application of classical expert system technology to the production of web-based commercial systems	104-108	Non-Theoretical	System	0	-	Short		
Research Abstracts 1												
14	14	-	Laurence L. Leff	Automated reasoning with legal XML documents	215-216	Non-Theoretical	System	0	-	Abstract		
15	15	-	Hugo César Hoeschl, Tânia C. D'Agostini Bueno, Eduardo da S. Mattos, Andre Bortolin, Ricardo Miranda Barca	Ontops: contextual structured search to improve the representation of UN security council resolutions with information extraction methods	217-218	Non-Theoretical	System	2	Statistical	Abstract		
16	16	-	Gaëraude Lame	A categorization method for French legal documents on the Web	219-220	Non-Theoretical	System	2	Domain Expert	Abstract		
17	17	-	Asia Cikamp	AI-techniques and concept analysis	221-222	Non-Theoretical	Analytical	0	-	Abstract		
18	18	-	Russell Allen, Philip Chuns, Andrew Mowbray, Graham Greenleaf	AustLit's aids – natural language legislative rulebases	223-224	Non-Theoretical	System	0	-	Abstract	Assess = Assessments by users (trial/test usage)	
Models of Legal Procedure Case-Based Reasoning												
19	19	-	Ronald Leenes	Burden of proof in dialogue games and Dutch civil procedure	109-118	Theoretical	-	0	-	Full		
20	20	-	Henry Prakken	Modelling reasoning about evidence in legal procedure	119-128	Theoretical	-	2	-	Full		
21	21	-	Brian Roin	A typology of moves involved in case comparison	129-138	Theoretical	(Analytical)	0	-	Full		
Knowledge-Based Systems												
22	22	-	L. Karl Branting	Advisory systems for pro se litigants	139-146	Non-Theoretical	System	1	Foreshadowed/Anecdotal	Full		
23	23	-	Maria Jean J. Hall, John Zelenskiw	Acknowledging insufficiency in the evaluation of legal knowledge-based systems: strategies towards a broadbased evaluation model	147-156	-	-	-	-	Full		
24	24	-	Tom M. van Engers, Rita Gerrits, Margherita Boekenoggen, Erwin Glaslé, Patres Kordelaar	POWER: using UML/OCL for modeling legislation – an application report	157-167	Non-Theoretical	System	0	-	Full	Knowledge Management	
Logic-Based Approaches												
25	25	-	Guido Governatori, Marlon Dumas, Arthur H. M. ter Hofstede, Philippa Oaks	A formal approach to protocols and strategies for (legal) negotiation	168-177	Theoretical	-	0	-	Full	2 case studies	
26	26	-	Tiberiu Stratulat, Françoise Cléin-Debart, Patrice Enjalbal	Norms and time in agent-based systems	178-187	Theoretical	-	0	-	Full		
27	27	-	Steven Orta Kimbrough	Reasoning about the objects of attitudes and operators: towards a disquotational theory for representation of propositional content	188-195	Theoretical	-	0	-	Full		
Research Abstracts 2												
28	28	-	Bart Verheij	Legal decision making as dialectical theory construction with argumentation schemes	225-226	Theoretical	-	0	-	Abstract		
29	29	-	Guido Boella, Lyda Favalli, Leonardo Lesmo	An action-based ontology of LEGAL RELATIONS	227-228	Theoretical	-	0	-	Abstract		
30	30	-	Jon Lehmann, Abduljaffar A. O. Elhag	On the automation of legal reasoning about responsibility	229-230	Theoretical	-	0	-	Abstract		
31	31	-	Filipe Borges, Daniele Bourcier, Evelynne Andreweky, Raoul Borges	Conception of cognitive interfaces for legal knowledge: evolution of the JURISQUE project on the risks of avalanches	231-232	Non-Theoretical	System	1	Foreshadowed Discussion	Abstract		
32	32	-	Arno R. Lodder	A simple model to structure the information of parties in online ADR	233	Theoretical	-	0	-	Abstract		
Tools and Architectures												
33	33	-	Paulo Quaresma, Irene Rodrigues	Using logic programming to model Multi-Agent web legal systems – an application report	196-205	Non-Theoretical	System	2	Users-Human Performance	Full		
34	34	-	Andrew Stranieri, John Yearwood, John Zelenskiw	Tools for World Wide Web based legal decision support systems	206-214	Non-Theoretical	System	0	-	Full		
(9) ICAIL 2003: Edinburgh, Scotland, UK												
(24-28 June 2003)												
Cum. No.	No.	Session Topic	Author	Title	Pages	Category	Sub-Category	Level	Type	Length	Comments	
Research Papers												
34	1	-	Alexander Artikis, Marek Sergot, Jeremy Pitt	An executable specification of an argumentation protocol	1-11	Theoretical	-	2	-	Full		
35	2	-	Paul E. Dunne	Prevarication in dispute protocols	12-21	Theoretical	-	0	-	Full		
36	3	-	Katje Greenwood, Trevor Bench Capon, Peter McBurney	Towards a computational account of persuasion in law	22-31	Theoretical	-	0	-	Full		
37	4	-	Henry Prakken, Chris Reed, Douglas Walton	Argumentation schemes and generalisations in reasoning about evidence	32-41	Theoretical	-	0	-	Full		
38	5	-	Joe Hallwet, Jeroen Keppens, Qiang Shen	Linguistic Bayesian Networks for reasoning with subjective probabilities in forensic statistics	42-50	Theoretical	-	0	-	Full	Uses fuzzy sets. Ironic goal Quantify meaning of forensic expert testimony	
39	6	-	Jeroen Keppens, John Zelenskiw	A model based reasoning approach for generating plausible crime scenarios from evidence	51-59	Non-Theoretical	Algorithm	0	-	Full		
40	7	-	Alexander Boer, Tom van Engers, Radboud Winkels	Using ontologies for comparing and harmonizing legislation	60-69	Non-Theoretical	Ontology	0	-	Full		
41	8	-	Laurens Mommers	Application of a knowledge-based ontology of the legal domain in collaborative workspaces	70-108	Non-Theoretical	Ontology	0	-	Full		
42	9	-	Guido Boella, Leendert van der Torre	Permissions and obligations in hierarchical normative systems	109-118	Theoretical	-	0	-	Full		
43	10	-	Cristiano Castelfranchi, Luca Tumminoli	Positive and negative expectations and the deontic nature of social conventions	119-125	Theoretical	-	0	-	Full		
44	11	-	Shawn Kerrigan, Kincho H. Law	Logic-based regulation compliance-assistance	126-135	Non-Theoretical	System	1	Foreshadowed	Full		
45	12	-	Tania C. D. Bueno, Andre Bortolin, Hugo C. Hoeschl, Eduardo S. Mattos, Marcelo S. Ribeiro	Analyzing the use of dynamic weights in legal case based system	136-141	Non-Theoretical	System	3	Domain Expert	Full		
46	13	-	Marie-Françine Moens, Roxana Angheluta	Concept extraction from legal cases: the use of a statistic of coherence	142-148	Non-Theoretical	System	2	Users-Human Performance	Full		
47	14	-	Erk R. van der Meer, Ioanna Stavrinidou	Using configuration technology as the core of a legal decision support system	147-151	Non-Theoretical	System	1	Foreshadowed Discussed	Full		
48	15	-	Henriksen, Henrik Raaf Andersen	Steven O. Kimbrough, Thomas Y. Lee, Balaji Padmanabhan, Yinghui Yang	152-161	Non-Theoretical	Position	0	-	Full		

49	16	*	Filipe Santos, Olga Pacheco	Specifying and reasoning with institutional agents	162-170	Theoretical	-	0	-	-	Full	
50	17	*	Gary A. Davis, Jianping Pei	Bayesian networks and traffic accident reconstruction	171-176	Non-Theoretical	System	2	-	Statistical	Full	
51	18	*	Christopher Dozier, Peter Jackson, Xi Guo, Mark Chaudhary, Yohendran Arumainayagam	Creation of an expert witness database through text mining	177-184	Non-Theoretical	System	4	-	Domain Expert	Full	
52	19	*	Uli J. Schild, Ruth Kannai	Intelligent computer evaluation of offender's previous record	185-194	Non-Theoretical	System	1	-	Foreshadowed	Full	
53	20	*	Samuel Meira Brasil, Berthos Borges Garcia	Modelling legal reasoning in a mathematical environment through model theoretic semantics	195-203	Theoretical	-	0	-	-	Full	
54	21	*	Benjamin Johnston, Guido Governatori	Induction of defeasible logic theories in the legal domain	204-213	Non-Theoretical	System	4	-	Domain Expert	Full	
55	22	*	Sasha Ivkovic, John Yearwood, Andrew Stranieri	Visualizing association rules for feedback within the legal system	214-223	Non-Theoretical	System	0	-	-	Full	
56	23	*	L. Karl Brantling	A comparative evaluation of name-matching algorithms	224-232	Non-Theoretical	System	4	-	System Comparison	Full	
57	24	*	Stefanie Brünninghaus, Kevin D. Ashley	Predicting outcomes of case based legal arguments	233-242	Non-Theoretical	System	4	-	System Comparison	Full	
58	25	*	Claire Grover, Ben Hachey, Ian Hughson, Chris Koryciak	Automatic summarisation of legal documents	243-251	Non-Theoretical	System	2	-	System Comparison	Full	
59	26	*	Chao-Lin Liu, Cheng-Taung Chang, Jim-How Ho	Classification and clustering for case-based criminal summary judgments	252-261	Non-Theoretical	System	4	-	Domain Expert	Full	
60	27	*	Jack G. Conrad, Joanne R. S. Clausen	Client-system collaboration for legal corpus selection in an online production environment	262-273	Non-Theoretical	System	4	-	Domain Expert	Full	
61	28	*	Maria Jean J. Hall, Richard Hall, John Zelezniak	A process for evaluating legal knowledge-based systems based upon the context criteria contingency-guidelines framework	274-283	Non-Theoretical	Position	0	-	-	Full	
62	29	*	Tom M. van Engers, Margherita R. Boekenooogen	Improving legal quality: an application report	284-292	Non-Theoretical	System	1	-	Foreshadowed Discussed	Full	
Research Abstracts												
63	30	*	Alexandre Serra Barreto, Tânia Cristina D. Bueno, Hugo César Hoeschl	Applying case-based reasoning to knowledge representation of tributary decisions	77-78	Non-Theoretical	System	1	-	Foreshadowed	Abstract	CBR
64	31	*	Bošjan Berčić	Formal representation of the institute of criminal liability	79-80	Theoretical	-	0	-	-	Abstract	
65	32	*	Guido Boella, Leendert van der Torre	Rational norm creation: attributing mental attitudes to normative systems, part 2	81-82	Theoretical	-	0	-	-	Abstract	
66	33	*	Tânia C. D. Bueno, Andre Bortolon, Hugo Cesar Hoeschl, Eduardo S. Mattos, Cristina Souza Santos, Inneu Thesis	Using RBC to classify judicial petitions on e-Court	83-84	Non-Theoretical	System	0	-	-	Abstract	
67	34	*	Alison Chorley, Trevor Bench-Capon	Developing legal knowledge based systems through theory construction	85-86	Non-Theoretical	System	3	-	Domain Expert	Abstract	
68	35	*	Filipe Correia da Costa, Tânia Cristina D'Agostini Bueno, Hugo César Hoeschl, Erica Benzenra Queiroz Ribeiro	New procedures for environmental licensing with artificial intelligence - CIPPLA	87-88	Non-Theoretical	System	0	-	-	Abstract	
69	36	*	Pamela N. Gray, Scott Mann	The Fraunce (1558) model of case-based reasoning	89-90	Theoretical	-	0	-	-	Abstract	
70	37	*	Eric Gregoire	About the fusion of legal knowledge with exceptions	91-92	Theoretical	-	0	-	-	Abstract	
71	38	*	Zaw Z. Han, Tin Tin Khine, Imfian Ahmad, Sunil Sheesha, Laurence L. Lefl	Interoperability from electronic commerce to litigation using XML rules	93-94	Non-Theoretical	System	0	-	-	Abstract	
72	39	*	Hugo C. Hoeschl, Tania C. D. Bueno, Andre Bortolon, Eduardo S. Mattos, Marcelo S. Ribeiro, Inneu Thesis	Dynamically contextualized knowledge representation of the United Nations Security Council Resolutions	95-96	Non-Theoretical	System	-	-	-	Abstract	
73	40	*	Hugo Cesar Hoeschl, Tania C. D. Bueno, Eduardo Mattos, Ricardo Miranda Barcia, Marcelo Stipanovski Ribeiro	Knowledge-based system applied on the previous consent of Brazilian National Defence Council	97-98	Non-Theoretical	System	0	-	-	Abstract	
74	41	*	Katsumi Nishi, Yoshiki Yasumura, Masahide Yasui, Takao Tanaka	A knowledge base for automatic capitulation in expert system	99-100	Non-Theoretical	System	0	-	-	Abstract	
75	42	*	Thomas A. O'Callaghan, James Poppie, Eric McCreath	An online moot court system mediated by an agent	101-102	Non-Theoretical	System	0	-	-	Abstract	
76	43	*	Monica Palmirani, Raffaella Brighi, Matteo Massani	SHYSTER-MYCIN: a hybrid legal expert system	103-104	Non-Theoretical	System	2	-	Domain Expert	Abstract	
77	44	*	Clara P. Smith	Automated extraction of normative references in legal texts	105-106	Non-Theoretical	System	3	-	Domain Expert	Abstract	
78	45	*		A meta-level approach to the analysis of legal phenomena based on the key concept of reduction	107-108	Non-Theoretical	Analytical	0	-	-	Abstract	
(19) ICAIL 2005, Bologna, Italy					(6-11 June 2005)	Theoretical / Non-Theoretical	A = Analytical / Alg = Algorithm / Ont = Ontology / Pos = Position / S = System			Expt = Domain Expert / Stat = Statistical / Foreshadowed-X / Users-Human Performance / C/C = System Comparison		
Cum. No.	No.	Session Topic	Author	Title	Pages	Category	Sub-Category	Level	Eval	Type	Length	Comments
Research Papers												
79	1	*	Davide Grossi, John-Jules Ch. Meyer, Frank Dignum	Modal logic investigations in the semantics of counts-as	1-9	Theoretical	-	2	-	System Comparison	Full	
80	2	*	Steven O. Kimbrough	A note on interpretations for federated languages and the use of disjunction	10-19	Theoretical	-	1	-	-	Full	
81	3	*	Jacek Martinek, Jolanta Cybulka	Dynamics of legal provisions and its representation	20-24	Theoretical	-	0	-	-	Short	
82	4	*	Guido Governatori, Antonino Rotolo, Giovanni Sartor	Temporalised normative positions in defeasible logic	25-34	Theoretical	-	1	-	-	Full	
83	5	*	Katie Atkinson, Trevor Bench-Capon, Peter McBurney	Arguing about cases as practical reasoning	35-44	Theoretical	-	2	-	-	Full	
84	6	*	Alison Chorley, Trevor Bench-Capon	AGATHA: automated construction of case law theories through heuristic search	45-54	Non-Theoretical	System	4	-	Statistical	Full	
85	7	*	Vincent Aleven, Kevin D. Ashley, Collin Lynch	Helping law students to understand US Supreme Court oral arguments: a planned experiment	55-59	Non-Theoretical	System	2	-	Users-Human Performance	Short	
86	8	*	Uli J. Schild, John Zelezniak	A taxonomy for modeling discretionary decision making in the legal domain	60-64	Non-Theoretical	Ontology	0	-	-	Short	
87	9	*	Stefanie Brünninghaus, Kevin D. Ashley	Generating legal arguments and predictions from case texts	65-74	Non-Theoretical	System	4	-	Domain Expert	Full	
88	10	*	Ben Hachey, Claire Grover	Automatic legal text summarisation: experiments with summary structuring	75-84	Non-Theoretical	System	4	-	Domain Expert	Full	
89	11	*	Henry Prakken	A study of accrual of arguments, with applications to evidential reasoning	85-94	Theoretical	-	2	-	-	Full	
90	12	*	Marc Lauritsen	Intelligent tools for managing factual arguments	95-104	Non-Theoretical	System	1	-	Foreshadowed	Full	
91	13	*	Yoshitaka Suzuki, Satoshi Tojo	Additive consolidation for dialogue game	105-114	Theoretical	-	1	-	Proof	Full	
92	14	*	Henry Prakken, Chris Reed, Douglas Walton	Dialogues about the burden of proof	115-124	Theoretical	-	2	-	Example Dialogues	Full	
93	15	*	Radboud Winkels, Alexander Boer, Emile de Maat, Tom van Engers, Matthijs Breesbaart, Henri Meijer	Constructing a semantic network for legal content	125-132	Non-Theoretical	System	1	-	Foreshadowed	Full	
94	16	*	C. Biagioni, E. Francesconi, A. Passerini, S. Montemagnoli, C. Soria	Automatic semantics extraction in law documents	133-140	Non-Theoretical	System	4	-	Domain Expert	Full	
95	17	*	Marie-Françoise Moens	Combining structured and unstructured information in a retrieval model for accessing legislation	141-144	Non-Theoretical	System	1	-	Foreshadowed	Short	No tabular results, just simple calculations
96	18	*	Gloria T. Lau, Kincho H. Law, Gao Wiederhold	Legal information retrieval and application to e-ruemaking	146-154	Non-Theoretical	System	1	-	Foreshadowed	Full	Cites other Lau work.
97	19	*	Guillaume Lams, Sylvie Després	Updating ontologies in the legal domain	155-162	Non-Theoretical	Analytical/Ontology/System	1	-	Foreshadowed	Full	Metrics given for relevance among concepts
98	20	*	Luca Dini, Wim Peeters, Doris Liebowald, Erich Schweighofer, Laurens Mommers, Wim Voermans	Cross-lingual legal information retrieval using a WordNet architecture	163-167	Non-Theoretical	System	0	-	-	Short	LUZS
99	21	*	Teresa Gonçalves, Paulo Quearesma	Is linguistic information relevant for the classification of legal texts?	168-176	Non-Theoretical	System	4	-	Domain Expert	Full	
100	22	*	Jack G. Conrad, Khalid Al-Kofani, Ying Zhao, George Karypis	Effective document clustering for large heterogeneous law firm collections	177-187	Non-Theoretical	System	4	-	Statistical	Full	
101	23	*	Pompeu Casanovas, Nuria Casellas, Joan-Josep Vallib, Maria Poblet, Francesc Ramos, Jesús González, Jesús Contreras, Mercedes Blázquez, Richard Benjamins	luriservice II: ontology development and architectural design	188-194	Non-Theoretical	Ontology	0	-	-	Full	
102	24	*	Jeremy Pitt, Lloyd Kamara, Marek Sergot, Alexander Artikis	Voting in online deliberative assemblies	195-204	Non-Theoretical	Algorithm/Protocol	0	-	-	Full	
103	25	*	Nathaniel Love, Michael Genesereth	Computational law	205-209	Non-Theoretical	Proposal	0	-	-	Short	
104	26	*	Christoph Sorge	Conclusion of contracts by electronic agents	210-214	Non-Theoretical	Proposal	0	-	-	Short	

105	27	-	Jeroen Keppens, Qiang Shen, Burkhard Schaefer	Probabilistic abductive computation of evidence collection strategies in crime investigation	215-224	Non-Theoretical	System	3	Statistical	Full	OSS
106	28	-	Giulio Borasi, Claudia Cevelini, Giuseppe Confaloni, Stefano Morini, Giovanni Sartor, Peter Still	HARE: an Italian application of SoftLaw's STATUTE expert technology	225-229	Non-Theoretical	System	0	-	Short	Rule-based system
Research Abstracts											
107	29	-	Paola Mariani, Costanza Badi	Methods and techniques for building a digital historic-law dictionary	230-231	Non-Theoretical	System	0	-	Abstract	
108	30	-	Andrew Stranieri, John Yearwood	The integration of narrative and argumentation for a scenario based learning environment in law	232-233	Theoretical	-	0	-	Abstract	
109	31	-	Takahiro Iinaka, Yoshiaki Yasumura, Daisuke Kitagami, Kazumi Nita	Case based online training support system for ADR mediator	234-235	Non-Theoretical	System	3	Domain Expert	Abstract	
110	32	-	Guido Boella, Leendert van der Torre	Permission and authorization in normative multiagent systems	236-237	Theoretical	-	0	-	Abstract	
111	33	-	Maria Mach	Tracing legal knowledge evolution: temporal representation for law	238-239	Non-Theoretical	Proposal	0	-	Abstract	
112	34	-	Danièle Bourcier, Mélanie Dulong de Rosnay, Jacky Legrand	Methodological perspectives for legal ontologies building: an interdisciplinary experience	240-241	Non-Theoretical	Ontology	0	-	Abstract	
113	35	-	Stephan Walter, Manfred Pinkal	Computational linguistic support for legal ontology construction	242-243	Non-Theoretical	Ontology/System/Report	0	-	Abstract	
114	36	-	C. Biagioli, E. Francesconi, P. Spinosa, M. Taddei	A legal drafting environment based on formal and semantic XML standards	244-245	Non-Theoretical	System	0	-	Abstract	
115	37	-	G. C. Oates, J. Zelenyuk, B. W. Ewart	Criminal networks and spatial density	246-247	Non-Theoretical	System	2	Users-Human Performance	Abstract	
116	38	-	Martin Medina, Jure Zekic, Trevor Bench-Capon, Ivan Bratko	Application of argument based machine learning to law	248-249	Non-Theoretical	System	3	Domain Expert	Abstract	
117	39	-	Andreas Hamfelt, Jenny Eriksson, Jergen Fischer-Nilsson	A metalegic formalization of legal argumentation as game trees with defeasible reasoning	250-251	Theoretical	-	0	-	Abstract	
118	40	-	Kees van Noordwijk, Johanna Visser, Richard V. De Mulder	Re-usable retrieval concepts for the classification of legal documents	252-253	Non-Theoretical	System	2	Users-Human Performance	Abstract	
119	41	-	Gloria T. Lau, Tomasz Pawlowicz, Rob Posadas, Wlodek P. Kubalski	A lawyer directory service using legal documents and profile information as support	254-255	Non-Theoretical	System	0	-	Abstract	
120	42	-	Paulo Quaresma, Irene Rodrigues	A question-answering system for Portuguese juridical documents	256-25	Non-Theoretical	System	3	Human Performance	Abstract	
(11) ICAIL 2007, Stanford, California, USA (4-8 June 2007)											
						Theoretical / Non-Theoretical			A = Analytical / Alg = Algorithm / Ont = Ontology / Pos = Position / S = System		Expt = Domain Expert / Stat = Statistical / Foreshadowed/X = Users-Human Performance / C+C = System Comparison
Cum. No.	No.	Session Topic	Author	Title	Pages	Category	Sub-Category	Level	Type	Length	Comments
Evidential reasoning											
121	1	-	F. J. Bex, H. Prakken, B. Verheij	Formalising argumentative story-based analysis of evidence	1 - 10	Theoretical	-	2	Examples/ Illustration	Full	
122	2	-	Susan W. van den Brak, Gerard A. W. Vreeswijk	AVERA: an argument visualization tool for representing stories about evidence	11-15	Non-Theoretical	System	2	Users-Human Performance	Short	Visualization Evaluation
123	3	-	Jeroen Keppens	Towards qualitative approaches to Bayesian evidential reasoning	17-25	Theoretical	-	0	-	Full	
Law and the semantic web											
124	4	-	Radboud Winkels, Alexander Boer, Erik Hupkes	Legal atlas: access to legal sources through maps	27-36	Non-Theoretical	System	0	-	Full	
125	5	-	Marlene Boonk, Frances Brazer, David de Groot, Maarten van Stekelenburg, Anja Oskamp, Martin Warnier	Conditions for access and use of legal document retrieval web services	37-41	Non-Theoretical	Proposal	0	-	Short	
Legal ontologies											
126	6	-	Giannaria Ajani, Leonardo Leano, Guido Boella, Alessandro Mazzei, Piercarlo Rossi	Terminological and ontological analysis of European directives: multilinguam in law	43-48	Non-Theoretical	System	0	-	Short	LOZS
127	7	-	Nuria Casillas, Pompeu Casanovas, Joan-Josep Velho, Maria Poblet, Mercedes Blázquez, Jesús Contreras, José-Manuel López-Cobo, V. Richard Benjamin	Semantic enhancement for legal information retrieval: lurservice performance	49-47	Non-Theoretical	System	4	Statistical	Full	
128	8	-	Chih-Fang Cheng, Gloria T. Lau, Kincho H. Law	Mapping regulations to industry-specific taxonomies	59-63	Non-Theoretical	Ontology	3	Domain Expert	Short	
129	9	-	Nadia Nashed, Mélanie Dulong de Rosnay, Bruno Bachimont	Licensing digital content with a generic ontology: escaping from the jungle of rights expression languages	65-69	Non-Theoretical	Ontology	0	-	Full	
Game Theory											
130	10	-	Elisa Burato, Matteo Cristani	Contract clause negotiation by game theory	71-80	Theoretical	Algorithm	1	Proof	Full	
131	11	-	Bram Roth, Régis Rivest, Antonino Rotolo, Guido Governatori	Strategic argumentation: a game theoretical investigation	81-90	Theoretical	-	2	-	Full	Prakken
132	12	-	Hajime Yoshino	Logical structure of change of legal relations and its representation in legal knowledge base system	91-92	Non-Theoretical	System	0	-	Full	
Research Abstracts											
133	13	-	Iris Mara da Rosa Alves, Rove Luza de Oliveira	The construction of a juridical ontology	93-94	Non-Theoretical	Ontology	1	Foreshadowed	Abstract	
134	14	-	Chairman, Paulo Miguel Torres, Duarte Quaresma	Case law retrieval by concept search and visualization	95-96	Non-Theoretical	System	2	Domain Expert	Abstract	
Modelling legal argument											
135	15	-	Henry Prakken, Giovanni Sartor	Formalising arguments about the burden of persuasion	97-106	Theoretical	-	2	-	Full	
136	16	-	Katlie Atkinson, Trevor Bench-Capon	Argumentation and standards of proof	107-116	Theoretical	-	1	-	Full	
137	17	-	Thomas F. Gordon	Contrasting arguments with a computational model of an argumentation scheme for legal rules: interpreting legal rules as reasoning policies	117-121	Theoretical	-	0	-	Short	
Legal IR											
138	18	-	Paul Zhang, Lavanya Koppaka	Semantics-based legal citation network	123-130	Non-Theoretical	System	2	Domain Expert	Full	
139	19	-	E. Francesconi, G. Peruginelli	Searching and retrieving legal literature through automated semantic indexing	131-139	Non-Theoretical	System	3	System Comparison	Full	
140	20	-	Jason R. Baron, Paul Thompson	The search problem posed by large heterogeneous data sets in litigation: possible future approaches to research	141-147	Non-Theoretical	Analytical	3	System Comparison	Full	
Modelling aspects of law											
141	21	-	Luca Compagna, Paul El Khoury, Fabio Massacci, Reshma Thomas, Nicola Zannone	How to capture, model, and verify the knowledge of legal, security, and privacy experts: a pattern-based approach	149-153	Theoretical	-	0	-	Short	
142	22	-	Guido Governatori, Antonino Rotolo, Régis Rivest, Monica Palmrosi, Giovanni Sartor	Variants of temporal defeasible logics for modelling norm modifications	155-159	Theoretical	-	0	-	Short	
143	23	-	Layman E. Allen, Adam W. Tury	NewMINT interpretation assistance system: United States Constitution First Amendment's initial 1344 interpretations	161-165	Theoretical	-	0	-	Short	
Agents											
144	24	-	Pieter Dijkstra, Henry Prakken, Kees de Vey Meadagh	An implementation of norm-based agent negotiation	167-176	Theoretical	-	2	-	Full	
145	25	-	Martin Warnier, Frances Brazer, Martin Apostola, Anja Oskamp	Towards automatic identification of completeness and consistency in digital dossiers	177-181	Theoretical	-	0	-	Short	
146	26	-	Lucas Drumond, Rosario Girardi, Adriana Leite	Architectural design of a multi-agent recommender system for the legal domain	183-187	Theoretical	-	0	-	Short	
Research Abstracts 2											
147	27	-	Innar Liv, Anton Vedeshin, Ermo Tjals	Visualization and structure analysis of legislative acts: a case study on the law of obligations	189-190	Non-Theoretical	Analytical	0	-	Abstract	
148	28	-	Mohammad Al Hasan, W. Scott Spangler	Assessing patent value through advanced text analysis	191-192	Non-Theoretical	System	2	Domain Expert	Abstract	
149	29	-	Harry Surden, Michael Genesereth, Bret Logu	Representational complexity in law	193-194	Theoretical	-	1	-	Abstract	
Various											
150	30	-	Laurens Mommers, Wouter Koelewijn, Hugo Kleinman	Understanding the law: a method for legal knowledge dissemination	195-203	Theoretical	-	0	-	Full	
151	31	-	Tai Sun	The legal crisis of next generation robots: on safety intelligence	205-209	Theoretical	-	0	-	Short	
152	32	-	Danièle Bourcier, Pierre Mazzega	Toward measures of complexity in legal systems	211-215	Theoretical	-	0	-	Short	
NLP and text mining											
153	33	-	L. Thorne McCarty	Deep semantic interpretations of legal texts	217-224	Non-Theoretical	System	1	Foreshadowed	Full	

154	34	*	Marie-Francine Moens, Erik Boij, Raquel Mochales Palau, Chris Reed	Automatic detection of arguments in legal texts	225-230	Non-Theoretical	System	4	Domain Expert	Short		
155	35	*	Jack G. Conrad, Frank Schilder	Opinion mining in legal blogs	231-238	Non-Theoretical	System	4	Domain Expert	Short		
ODR												
156	36	*	John Zelenzkow, Emilia Bellucci, Uri J. Schild, Germaine Mackenzie	Bargaining in the shadow of the law - using utility functions to support legal negotiation	237-246	Non-Theoretical	System	1	Foreshadowed	Full		
157	37	*	Pamela N. Gray, Xenogene Gray, John Zelenzkow	Negotiating logic: for richer or poorer	247-251	Non-Theoretical	System	0	-	Short		
IR 2												
158	38	*	Christopher Dozer, Ravi Kondadadi, Khalid Al-Kofahi, Mark Chaudhary, Xi Guo	Fast tagging of medical terms in legal text	253-260	Non-Theoretical	System	4	System Comparison	Full		
159	39	*	Jack G. Conrad, Edward L. Raymond	Essential deduplication functions for transactional databases in law firms	261-270	Non-Theoretical	System	4	Domain Expert	Full		
Tools of Augmentation												
160	40	*	Kevin Ashley, Niels Pinkwart, Collin Lynch, Vincent Aleven	Learning by diagramming Supreme Court oral arguments	271-275	Non-Theoretical	System/Ontology	2	Users-Human Performance	Short		
161	41	*	Jobien Sombekke, Tom van Engers, Henry Prakken	Argumentation structures in legal dossiers	277-281	Non-Theoretical	System	0	-	Short		
Research Abstracts 3												
162	42	*	Jenny Eriksson Lundström, Andrea Hamfelt, Jørgen Fischer Nilsson	A rule-agnostic characterization of acceptable legal arguments	283-284	Theoretical	-	0	-	Abstract		
163	43	*	Enrique Caceres	A constructivist model for the judicial determination of facts	285-288	Theoretical	-	0	-	Abstract		
164	44	*	Ugo Pagallo, Giancarlo Ruffo	P2P systems in legal networks: another	287-288	Theoretical	-	0	-	Abstract		
165	45	*	Francisco Andrade, Paulo Novais, José Neves	Divergence between will and declaration in intelligent agent contracting	289-290	Theoretical	-	0	-	Abstract		
(12) ICAIL 2009 - Barcelona, Spain (8-12 June 2009)												
						Theoretical / Non-Theoretical	A = Analytical / Alg = Algorithm / Ont = Ontology / Pos = Position / S = System		Expt = Domain Expert / Stat = Statistical / Foreshadowed/X = Users-Human Performance / C+G = System Comparison			
Cum. No.	No.	Session Topic	Author	Title	Pages	Category	Sub-Category	Eval	Level	Type	Length	Comments
Research Papers												
166	1	*	Kevin D. Ashley	Ontological requirements for analogical, teleological, and hypothetical legal reasoning	1-10	Non-Theoretical	Ontology/Proposal	0	-	Full		
167	2	*	Trevor Bench-Capon, Thomas F. Gordon	Isomorphism and argumentation	11-20	Theoretical	-	0	-	Full		
168	3	*	Raquel Mochales, Aagje Ieven	Creating an argumentation corpus: do theories apply to real arguments? / a case study on the legal argumentation of the ECHR	21-30	Non-Theoretical	System	2	Domain Expert	Full		
169	4	*	Emile de Maat, Radboud Winkels	A next step towards automated modelling of sources of law	31-39	Non-Theoretical	System	4	Statistical	Full		
170	5	*	Pier-Luigi Spinoza, Gerardo Giardello, Manola Cherdroni, Simone Marchi, Giulia Venturi, Simonetta Montemaggi	NLP-based metadata extraction for legal text consolidation	40-49	Non-Theoretical	System	4	Domain Expert	Full		
171	6	*	Alessandro Mazzei, Daniele P. Radicioni, Raffaella Brighi	NLP-based extraction of modificatory provisions semantics	50-57	Non-Theoretical	System	3	Domain Expert	Full		
172	7	*	Sindhu Joseph, Henry Prakken	Coherence-driven argumentation to norm consensus	58-67	Theoretical	-	2	-	Full		
173	8	*	Alexander Artikis	Formalising dynamic protocols for open agent systems	68-77	Theoretical	-	1	-	Full		
174	9	*	Nadjet Bouayad-Agha, Gerard Casamayor, Gabriela Ferraro, Simon Mile, Vanesa Vidal, Leo Wanier	Improving the comprehension of legal documentation: the case of patent claims	78-87	Non-Theoretical	System	4	Domain Expert	Full		
175	10	*	Eneldo Loza Mencla	Segmentation of legal documents	88-97	Non-Theoretical	System	3	Domain Expert	Full		
176	11	*	Raquel Mochales Palau, Marie-Francine Moens, Giovanni Sartor, Michel Rudnianski, Antonino Rololo, Régis Rivest, Eunata Mayor	Argumentation mining: the detection, classification and structure of arguments in text	98-107	Non-Theoretical	System	3	Domain Expert	Full		
177	12	*	Trevor Bench-Capon, Sarraj Moggi	Why lawyers are nice (or nasty): a game-theoretical argumentation exercise	108-117	Non-Theoretical	System	3	Statistical	Full		
178	13	*	Phan Minh Dung, Phan Minh Thang, Nguyen Duy Hung	Case law in extended argumentation frameworks	118-127	Theoretical	-	2	-	Full		
179	14	*	Thomas F. Gordon, Douglas Walton	Modular argumentation for modeling legal doctrines of performance relief	128-136	Theoretical	-	0	-	Full		
180	15	*	Thomas F. Gordon, Douglas Walton	Legal reasoning with argumentation schemes	137-146	Theoretical	-	0	-	Full		
181	16	*	Tessaop Boonen, Qiang Shen	Intelligent hybrid approach to false identity detection	147-156	Non-Theoretical	System	3	Domain Expert	Full		
182	17	*	Dino Pedreschi, Salvatore Ruggieri, Franco Turini	Integrating induction and deduction for finding evidence of discrimination	157-166	Non-Theoretical	System	2	Statistical	Full		
183	18	*	Jack G. Conrad, Jochen L. Leidner, Frank Schilder, Ravi Kondadadi	Query-based opinion summarization for legal blog entries	167-178	Non-Theoretical	System	3	Domain Expert	Full		
184	19	*	John Zelenzkow, Brooke Abrahams	Incorporating issues of fairness into development of a multi-agent negotiation support system	177-184	Non-Theoretical	System	2	Users-Human Performance	Full		
185	20	*	Rinke Hoekstra, Radboud Winkels, Erik Hupkes	How much logical structure is helpful in content-based argumentation software for legal cases solving?	185-193	Non-Theoretical	System	1	Foreshadowed	Full		
186	21	*	Christopher Hogan, Robert Bauer, Dan Brassil	Reasoning with spatial plans on the semantic web	194-201	Non-Theoretical	System	4	Domain Expert	Full		
187	22	*	Marc Lauritsen, Thomas F. Gordon	Human-aided computer cognition for e-discovery	202-211	Theoretical	-	2	-	Full		
Research Abstracts												
188	23	*	Floris Bex, Katie Atkinson	Toward a general theory of document modeling	212-213	Theoretical	Proposal	0	-	Abstract		
189	24	*	Vern R. Walker	A proposal for evidential reasoning about motives	214-215	Non-theoretical	System	0	-	Abstract		
190	25	*	Mary-Anne Williams	Plausibility schemas: templates for legal factfinding	216-217	Theoretical	-	0	-	Abstract		
191	26	*	Cristian Priscaciu, Gerardo Schneider	Evidence transmissions: gathering admissible evidence using belief revision	218-219	Theoretical	-	0	-	Abstract		
192	27	*	Tomasz Zurek, Emil Kruk	Abstract specification of legal contracts	220-221	Theoretical	-	0	-	Abstract		
193	28	*	Collin Lynch, Kevin Ashley, Niels Pinkwart, Vincent Aleven	Supporting legal reasoning for cases which are not strictly regulated by law	222-223	Non-theoretical	System	3	Domain Expert	Abstract		
194	29	*	Stijn Colen, Fokke Crossen, Bart Verheij	Toward assessing law students' argument diagrams	224-225	Non-theoretical	Analytical	2	System Comparison	Abstract		
195	30	*	Jari van Dijk, Sunil Choenni, Frans Leeuw	How much logical structure is helpful in content-based argumentation software for legal cases solving?	226-227	Non-theoretical	Algorithm	1	Foreshadowed	Abstract		
196	31	*	Alzbeta Krausova, Fabio Massacci, Ayda Saidane	Analyzing a complaint database by means of a genetic-based data mining algorithm	228-229	Theoretical	-	0	-	Abstract		
197	32	*	Ir. R. A. Hilhorst, T. M. van Engers	How to capture and use legal patterns in IT e-dossier at the Dutch Council of State: design, implementation and lessons learned	230-231	Non-theoretical	System	0	-	Abstract		
198	33	*	Monica Palmirani, Luca Cervone, Fabio Vitali	Reasoning with spatial plans on the semantic web	232-233	Non-theoretical	System	0	-	Abstract		
199	34	*	Michael J. Bommarito, II, Daniel Katz, Jon Zeiner	Legal metadata interchange framework to match CEN metalex	234-235	Non-theoretical	System	3	Statistical	Abstract		
200	35	*	Pierre Mazzega, Danièle Bourcier, Romain Boulet	Law as a seamless web? comparison of various network representations of the United States Supreme Court corpus (1791-2005)	236-237	Non-theoretical	System	3	Statistical	Abstract		
201	36	*	Raffaella Brighi, Monica Palmirani	The network of French legal codes	238-239	Theoretical	-	1	-	Abstract		
202	37	*	Matthias Grabmar, Kevin D. Ashley	Legal text analysis of the modification provisions: a pattern oriented approach	240-241	Theoretical	-	0	-	Abstract		
203	38	*	Cassia Trojahn, Paulo Quaresma, Renata Vieira	Using critical questions to disambiguate and formalize statutory provisions	242-243	Non-theoretical	System	2	System Comparison Approaches	Abstract		
(13) ICAIL 2011: Pittsburgh, PA, USA (6-10 June 2011)												
						Theoretical / Non-Theoretical	A = Analytical / Alg = Algorithm / Ont = Ontology / Pos = Position / S = System		Expt = Domain Expert / Stat = Statistical / Foreshadowed/X = Users-Human Performance / C+G = System Comparison			
Cum. No.	No.	Session Topic	Author	Title	Pages	Category	Sub-Category	Eval	Level	Type	Length	Comments
Towards formalising argumentation about legal cases												
204	1		Adam Z. Wyner, Trevor J. M. Bench-Capon, Katie M. Atkinson	Towards formalising argumentation about legal cases	1-10	Theoretical	-	0	-	Full		
205	2		Floris Bex, Bart Verheij	Legal shifts in the process of proof	11-20	Theoretical	-	0	-	Full		

206	3	Trevor Bench-Capon, Henry Prakken, Wietske Visser	Argument schemes for two-phase democratic deliberation	21-30	Theoretical	-	2	-	-	Full
207	4	Guido Governatori	On the relationship between Carneades and Defeasible Logic	31-40	Theoretical	-	1	-	-	Full
208	5	John F. Horty	Reasons and precedent	41-50	Theoretical	-	0	-	-	Full
209	6	Thomas F. Gordon	Analyzing open source license compatibility issues with Carneades	51-55	Non-Theoretical	System	0	-	-	Short
210	7	Nancy L. Green	Causal argumentation schemes to support sense-making in clinical genetics and law	56-60	Theoretical	-	0	-	-	Short
211	8	Michal Chalmish, Dov Gabbay, Uli Schild	Intelligent evaluation of evidence using Wigmore diagrams	61-65	Theoretical	-	2	-	-	Short
212	9	Susan W. van den Braak, Anne Sonnenstein, Sunil Choenni, Paul R. Smid	A method for explaining and predicting trends: an application to the Dutch justice system	66-70	Theoretical	-	2	-	-	Short
213	10	Régis Rivest, Antonino Robilo, Giuseppe Contissa, Giovanni Sartor, Wamberto Vasconcelos	Temporal accommodation of legal argumentation	71-80	Theoretical	-	2	-	-	Full
214	11	Katlie M. Atkinson, Trevor J. M. Bench-Capon, Dan Cartwright, Adam Z. Wyner	Semantic models for policy deliberation	81-90	Theoretical	-	0	-	-	Full
215	12	Jenny Eriksson Lundström, Giacomo Aceto, Andreas Hämfelt	Towards a dynamic metalogic implementation of legal argumentation	91-95	Theoretical	-	0	-	-	Short
216	13	Tomasz Żurek	Modeling of a tortiori reasoning	96-100	Theoretical	-	0	-	-	Short
217	14	Michał Araszkiewicz	Analogy, similarity and factors	101-105	Theoretical	-	0	-	-	Short
218	15	Marc Lauritsen	Intelligent tools for managing legal choices	106-110	Non-Theoretical	System	0	-	-	Short
219	16	T. Agnoloni, E. Francesconi	Modeling semantic profiles in legislative documents for enhanced room accessibility	111-115	Non-Theoretical	System	0	-	-	Short
220	17	Mihai Surdeanu, Ramesh Nallapati, George Glogov, Joshua Walker, Christopher D. Manning	Risk analysis for intellectual property litigation	116-120	Non-Theoretical	System	4	System Comparison	-	Short
221	18	Hajime Yoshino	The systematization of law in terms of the validity	121-125	Theoretical	-	0	-	-	Short
222	19	Robert C. Richards, Jr., Thomas R. Bruce	Adapting specialized legal metadata to the digital environment: the code of federal regulations parallel table of authorities and rules	126-130	Theoretical	Proposal	0	-	-	Short
223	20	Monica Palmirani, Guido Governatori, Giuseppe Contissa	Modelling temporal legal rules	131-135	Non-Theoretical	System	0	-	-	Short
224	21	John Zelezniok, Emilia Bellucci	Classifying online dispute resolution through a comparison of family mediation and the Israel - Palestinian conflict	136-140	Theoretical	-	2	-	-	Short
225	22	Jeroen Keppens	On extracting arguments from Bayesian network representations of evidential reasoning	141-150	Non-Theoretical	System	2	Other	-	Full
226	23	Edwina L. Rissland, Xiaoli Xu	Catching Gray Cygnets: an initial exploration	151-160	Non-Theoretical	System	3	Domain Expert	-	Full
227	24	Matthias Grabmair, Kevin D. Ashley	Facilitating case comparison using value judgments and intermediate legal concepts	161-170	Theoretical	-	1	-	-	Full
228	25	Alexander Boer, Tom van Engers	An agent-based legal knowledge acquisition methodology for agile public administration	171-180	Theoretical	-	0	-	-	Full
229	26	Matthew Carey	Modeling authority commitments in two search and seizure cases	181-188	Non-Theoretical	System	2	Other	-	Full
230	27	Monica Palmirani, Marcello Ceci, Daniele Radicioni, Alessandro Mazzei	FrameNet model of the suspension of norms	189-193	Non-Theoretical	System	1	Foreshadowed	-	Short
231	28	Brooke Abrahams, Peter Conditio, John Zelezniok	Using an OWL ontology to support legal regulation about owners corporation disputes	194-198	Non-Theoretical	System	0	-	-	Short
232	29	Michael Curtotti, Eric C. McCreath	A corpus of Australian contract language: description, profiling and analysis	199-208	Non-Theoretical	Analytical	4	Statistical	-	Full
233	30	Max R. Kimbrough, Steven O. Kimbrough, Priscilla Murphy	On using text analytics for event studies	209-218	Non-Theoretical	System	3	Statistical	-	Full
234	31	Cameron Hughes, Tracey Hughes, Alina Lazar	Discovering coherence and justification clusters in digital transcripts using epistemic analysis	219-223	Non-Theoretical	System	2	Statistical (Clustering)	-	Short
235	32	Daivide Carneiro, Paulo Novais, Francisco Andrade, José Neves	Retrieving information in online dispute resolution platforms: a hybrid method	224-228	Non-Theoretical	System	0	-	-	Short
236	33	Bruce M. McLaren, Kevin D. Ashley	Can temporal representation and reasoning make a difference in automated legal reasoning?: lessons from an AI-based ethical reasoner	229-238	Non-Theoretical	System	4	Domain Expert	-	Full
237	34	Jack G. Conrad, Christopher Dozier, Hugo Molina Salgado, Meirine Thomas, Sriharsha Veeramachaneni	Public record aggregation using semi-supervised entity resolution	239-248	Non-Theoretical	System	4	Domain Expert	-	Full
238	35	Manisha Verma, Vasudeva Varma	Applying key phrase extraction to aid invalidity search	249-255	Non-Theoretical	System	4	Domain Expert	-	Full