TABLE OF CONTENTS

CASE-BASED REASONING

A Cognitive Approach to Judicial Opinion Structure: Applying Domain Expertise to Component Analysis .................................................. 1
   Jack G. Conrad, Daniel P. Dabney

Theory Based Explanation of Case Law Domains .................................. 12
   Trevor Bench-Capon, Giovanni Sartor

Formalizing legal coherence ............................................................... 22
   J.C. Hage

An AI Investigation Of Citation's Epistemological Role ......................... 32
   Kevin D. Ashley, Bruce M. McLaren

INFORMATION RETRIEVAL/DEVELOPMENT OF LAW

Improving the Representation of Legal Case Texts with Information Extraction Methods ................................................................. 42
   Stefanie Bruninghaus and Kevin D. Ashley

Refinement ......................................................................................... 52
   Juliano Maranhao

Dynamic Arguments in a Case Law Domain ........................................... 60
   John Henderson, Trevor Bench-Capon

MACHINE LEARNING APPROACHES

Automatic Categorization of Case Law ................................................ 70
   Paul Thompson

Automatic Text Representation, Classification and Labeling in European Law ................................................................. 78
   Erich Schweighofer, Andreas Rauber, Michael Dittenbach

A Machine Learning Approach to Prior Case Retrieval ......................... 88
   Khalid Al-Kofahi, Alex Tyrrell, Arun Vachher, Peter Jackson

SHORT PAPER SESSION

Introducing PETE: Computer Support for Teaching Ethics .................. 94
   Ilya M. Goldin, Kevin D. Ashley, Rosa L. Pinkus

System development a la MODDE ....................................................... 99
   Tunde Meikle, John Yearwood

   David E. Woodin, Esq.
MODELS OF LEGAL PROCEDURE/CASE-BASED REASONING

Burden Of Proof In Dialogue Games And Dutch Civil Procedure ........................................... 109
Ronald E. Leenes

Modelling Reasoning about Evidence in Legal Procedure .................................................. 119
Henry Prakken

A Typology of Moves Involved in Case Comparison .......................................................... 129
Bram Roth

KNOWLEDGE-BASED SYSTEMS

Advisory Systems for Pro Se Litigants ..................................................................................... 139
L. Karl Branting

Maria Jean J. Hall, John Zeleznikow

Tom M. van Engers, Ing. Rik Gerrits, Margherita Boekenoogen, Ir. Erwin Glassee, Patries Kordeslaar

LOGIC-BASED APPROACHES

A Formal Approach to Protocols and Strategies for (Legal) Negotiation .............................. 168
Guido Governatori, Marlon Dumas, Arthur H.M. ter Hofstede and Phillipa Oaks

Norms and Time in AgentBased Systems ............................................................................. 178
Tiberiu Stratulat, Françoise Clerin-Debart, Patrice Erjalbert

Reasoning about the Objects of Attitudes and Operators ..................................................... 186
Steven Orla Kimbrough

TOOLS AND ARCHITECTURES

Using Logic Programming to model MultiAgent Web Legal Systems – An Application Report ......................................................... 196
Paulo Quaresma and Irene Rodrigues

Tools for World Wide Web based legal decision support systems ........................................ 206
Andrew Stranieri, John Yearwood, John Zeleznikow

RESEARCH ABSTRACTS 1

Automated Reasoning with Legal XML Documents ............................................................... 215
Laurence L. Leff

Olimpo: Contextual Structured Search to improve the representation of UN Security Council Resolutions with information extraction methods ......................................................... 217
Hugo César Hoeschl, Tânia C. D'Agostini Bueno, Eduardo de S. Mattos, Andre Bortolon, Ricardo Miranda Barcia

A Categorization Method for French Legal Documents on the Web ..................................... 219
Guirauda Lame

Al-techniques and concept analysis ...................................................................................... 221
Anja Oskamp
RESEARCH ABSTRACTS 2

Legal decision making as dialectical theory construction with argumentation schemes ........................................ 225
Bart Verheij

An Action-Based Ontology Of Legal Relations ................................................................. 227
Guido Boella, Lyda Favali, Leonardo Lesmo

On the Automation of Legal Reasoning About Responsibility ........................................... 229
Jos Lehmann, Abdullatif A.O. Eihag

Conception of cognitive Interfaces for legal knowledge Evolution of the
JURISQUE project on the risks of avalanches ................................................................. 231
Filipe Borges, Raoul Borges, Dаниèle Bourcier, Evelyne Andreewsky

A simple model to structure the information of parties in online ADR .............................. 233
Arno R. Lodder

Author Index