

# CURRICULUM VITAE and PUBLICATIONS

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## 1 Short CV

Giovanni Sartor is professor of Legal informatics and Legal Theory at the European University Institute of Florence and at the University of Bologna. He obtained a PhD at the European University Institute (Florence), worked at the Court of Justice of the European Union (Luxembourg), was a researcher at the Italian National Council of Research (ITTIG, Florence), held the chair in Jurisprudence at Queen's University of Belfast (where he now is honorary professor), and was Marie-Curie professor at the European University of Florence. He has published widely in legal philosophy/theory, legal informatics (artificial intelligence and law), computational logic, legislation technique, and computer law.

## 2 Full CV

### 2.1 Personal information

Date of birth: 25/2/1959.

Place of birth: Castelfranco Veneto (Treviso), Italy

Nationality: Italian

### 2.2 Education

1990 Bar Exam

1989 PhD European University Institute. Florence. Special mention.

1984 Postgraduate course (Corso di perfezionamento) in Computing, University of Bologna.

1983 First Degree. Faculty of Law, University of Bologna. Summa cum laude.

### 2.3 Jobs

2006– Marie-Curie professor at the European University Institute of Florence

2000– Full professor in Computers and law at the University of Bologna

1996-2000 Full professor in Jurisprudence at the Queen's University of Belfast

1990-1996 Researcher at the Institute of Legal Documentation, Italian National Research Council, Florence

1987-1989 Official (LA6) at the EU Court of Justice. Luxembourg

### 2.4 Further professional experience

2007-8 Coordinator of the EUI Unit of the European research project DALOS

2007-8 Coordinator of the EUI Unit of the European research project SEAL

2006 Coordinator of the Bologna Unit of the European research project ALIS (IST-2004-027968)

2005-6 Coordinator of the Bologna Unit of the European research project ESTRELLA (IST-2004-027665),

2006 Coordinator in the for the Italian National research project MIUR "Fiducia e diritto nella società dell'informazione" (Trust and law in the information society)

2003-2005 Coordinator for the Italian National research project MIUR "Fiducia e diritto nella società dell'informazione" (Trust and law in the information society)

2001-2003 Coordinator for the Italian National research project MIUR "Agenti elettronici e diritto" (Electronic agents and the law)

2000-2007 Director of the Master program in "Legal informatics and the law of new technologies" (Informatica giuridica e diritto delle nuove tecnologie) at the University of Bologna

2000-2007 Director of the PhD program in Computers and law at the University of Bologna

1999-2003 Coordinator for the Belfast and the Bologna Units of the European project IST FET UIE ALFEBIITE (IST-1999-10298)

- 1992-2000 Lecturer on computers and law at the European Master in Legal Theory, European Academy of Legal Theory (Universit'e Saint Louis and Katolieke Universiteit of Brussels)
- 1996 Seconded at the Tribunal of Bologna, contributes to a pilot project (subsequently implemented) on e-justice.
- 1988-1997 Temporary lecturer on computers and law at the law faculties of Bologna and Modena

## 2.5 Editorial Experience

- 2007– Co-editor of the *Ratio Juris* journal (Blackwell)
- 1995– Co-editor of the *Artificial intelligence and law* journal (Kluwer)
- 2005– In the Editorial Board of the *Diritto dell'Internet* journal (IPSOA)
- 2005– In the Editorial Board of the *Informatica e Diritto* journal (EDI)
- 2003– In the Editorial Board of the *Law, Probability and Risk* journal (Oxford University Press)

## 2.6 Languages

- Italian: mother tongue
- French: spoken good, written good.
- English: spoken very good, written very good
- German: spoken medium, written good.
- Spanish: spoken low, written medium.

## 2.7 Research interests

- Legal philosophy, legal theory
- Logic and argumentation
- Legal informatics
- Legal, ethical and political aspects of information and communication technologies
- Artificial intelligence, knowledge representation, automatic reasoning, agents and multiagent systems
- Legislation (theories and techniques)

## 2.8 Current research projects

- ONE-LEX - Ontologies for european laws in executable format (legal ontologies, legal concepts, standards for representing legal texts and legal knowledge)
- Models of legal rationality (rationality and reasonableness in legal problem-solving, logical models of legal arguments, dialogues, concepts and systems)
- A cognitive approach to the law (an integrated model of legal reasoning, based upon the idea of cognition)
- Game theory and the law (game-theoretical analysis of legally relevant interactions)
- Sharing knowledge in the information society (the interaction between the discipline of intellectual property and the production and communication of knowledge)
- Digital agents and electronic societies (legal regulation of autonomous agents, norm-based governance of agents' societies)
- Legislation techniques and legislative informatics (methods for legislative drafting, management of legislative documents, legislative information systems)
- The protection of trust in the information society (the idea of trust, its interactions with legal regulations, its protection and promotion in the digital world)

## 2.9 Organisation of conferences

1. 2008 (December). Program committee, chair of session: *Workshop “The future of law and information technology”*, Florence.
2. 2008 (December). Chair: *Conference “Jurix 2008”*, Florence.
3. 2008 (December). Cochair: *Workshop “Approaches to legal ontologies”*, Florence
4. 2008 (December). Cochair: *Jurix Workshop “Legal XML and Beyond”*, Florence.
5. 2008 (December). Cochair: *Jurix Workshop “Game theory, Agents and the Law”*, Florence.
6. 2008 (November). Program committee: *Workshop “The Impact of New Technologies on Human Rights*, Florence.
7. 2008 (November). Program committee, chair of session: *Conference “Law via the Internet”*, Florence.
8. 2008 (November). Program committee, chair of session: *Conference “World E-Parliament”*, Bruxelles.
9. 2008 (July). Program committee: *DEON2008. Ninth International Workshop on Deontic Logic in Computer Science*, Luxembourg.
10. 2008. Program committee: *Second International Workshop on Juris-informatics (JURISIN 2008)*, Miyazaki (Japan).
11. 2007. Program committee: *Jurix workshop on Modelling legal cases*, Leiden.
12. 2007. Organisation committee: *Workshop on Solutions for E-Government. Florence*, EUI, Law Department, San Domenico di Fiesole (Florence).
13. 2007. Program and organisation committee: *Workshop on Reasonableness in Law*, EUI, Law Department, San Domenico di Fiesole (Florence).
14. 2007. Program committee: *Workshop on Legislative Drafting Recommendations for Africa*, Hatfield Campus - University of Pretoria, South Africa.
15. 2007. Program committee: *Jurix 2007 Conference*, Leiden.
16. 2007. Program committee: *Eleventh International Conference on Artificial Intelligence and Law (ICAIL-07)*, Stanford, Cal.
17. 2007. Program committee: *First International Workshop on Juris-informatics (JURISIN 2007)*, Miyazaki (Japan).
18. 2007. Program committee: *AAMAS-07. Workshop on Trust in Agent Societies (10th edition)*.
19. 2006. Program committee: *Jurix 2006 Conference* Paris.
20. 2006. Program and organisation committee: *Workshop on Computable Models of the Law: Languages, Dialogues, Games, Ontologies*. EUI, Law Department, San Domenico di Fiesole (Florence)
21. 2006. Program and organisation committee: *Approaching the Multilanguage Complexity of European Law: Methodologies in Comparison*. EUI, Law Department, San Domenico di Fiesole (Florence)
22. 2006. Program and organisation committee: *V Legislative XML Workshop*. EUI, Law Department, San Domenico di Fiesole (Florence)
23. 2006. Program committee: *Jurix 2006 workshop* Paris.
24. 2006. Program committee: *The Tenth IEEE International EDOC Conference (EDOC 2006)* Hong Kong.
25. 2006. LEFIS General Assembly Florence 10-11 February 2006. Coordinator of the *Session on Postgraduate Education* and of the *Roundtable on Legal informatics and the Information society*
26. 2006. Program committee: *DEON2006. Eighth International Workshop on Deontic Logic in Computer Science* Utrecht.
27. 2006. Program committee: *AAMAS-06. Workshop on Trust in Agent Societies (9th edition)* Hakodate, Japan.
28. 2006. Program committee: *First International Conference on Availability, Reliability and Security. Workshop on e-Security, e-Privacy, Copyright and other Legal Issues in ICT* Vienna.

29. 2006. Program committee: *4th International Conference on Trust Management - iTrust'2006* Pisa.
30. 2005. Program committee: *Jurix 2005 workshop* Bruxelles.
31. 2005. Program committee: *LEA 2005 workshop* Bologna.
32. 2005. Program committee: *LOAIT 2005 workshop* Bologna.
33. 2005. Organisation Chair: *Tenth International Conference on Artificial Intelligence and Law (ICAIL-05)*, Bologna.
34. 2004. Program committee: *Jurix 2004 workshop* Berlin.
35. 2003. Program committee: *e-Government: Modelling Norms and Concepts as Key Issues. ICAIL-03 Workshop*, Edinburgh
36. 2003. Program chair: *Law, Morality, Politics, Defeasibility. Special Workshop of IVR 2003*
37. 2003. Program committee: *DEON-04 workshop*, Madeira.
38. 2002. Program committee: *RASTA03 workshop*, Edinburgh.
39. 2002. Program committee: *LEA-03 workshop*, Edinburgh.
40. 2003. Program Chair: *Ninth International Conference on Artificial Intelligence and Law (ICAIL-03)*, Edinburgh.
41. 2002. Program committee: *RASTA02 workshop*, Bologna.
42. 2002. Program committee: *LEA02 workshop*, Bologna.
43. 2002. Program committee: *Jurix 2002 workshop* London.
44. 2001. Program committee: *Eight International Conference on Artificial Intelligence and Law (ICAIL-01)*, Oslo.
45. 2000. Program committee: *Agents'2000 Workshop on Norms and Institutions in MAS*
46. 1999. Program committee: *Seventh International Conference on Artificial Intelligence and Law (ICAIL-99)*, Oslo.
47. 1999. Program committee: *Fourth International Workshop on Deontic Logic in Computer Science (DEON-97)*, Toulouse.
48. 1997. Organisation chair: *Fourth International Workshop on Deontic Logic in Computer Science (DEON-97)*, Bologna.
49. 1997. Program committee: *Sixth International Conference on Artificial Intelligence and Law (ICAIL-97)*, Melbourne.
50. 1995. Program committee: *Third International Workshop on Deontic Logic in Computer Science (DEON-95)*, Oslo.
51. 1995. Program committee: *Fifth International Conference on Artificial Intelligence and Law (ICAIL-95)*, Washington.
52. 1994. Program committee: *Eight International Conference on Artificial Intelligence and Law (ICAIL-99)*, Oslo.
53. 1994. Program committee: *Workshop on Legal Application of Logic Programming, nell'ambito dell'International conference on logic programming (ICLP-94)*, Santa Margherita Ligure.
54. 1994. Program committee: *I International Workshop on Artificial normative reasoning, nell'ambito dell'European Conference on Artificial Intelligence (ICAI-94)*, Amsterdam.
55. 1993. Program committee: *Second International Workshop on Deontic Logic in Computer Science (DEON-93)*, Oslo.
56. 1993. Program committee: *Fourth International Conference on Artificial Intelligence and Law (ICAIL-93)*, Amsterdam.
57. 1992. Program committee: *Prima giornata sul tema Tecnica della legislazione: metodologie e strumenti informatici*, Bologna.
58. 1991. Program committee: *Third International Conference on Artificial Intelligence and Law (ICAIL-91)*, Oxford.

## 2.10 Participation in conferences

59. 2008 Seminario della Scuola di Dottorato in Scienze Giuridiche Presentation: *Interpretazione e precedente: common law e civil law* Bologna. 10 October
60. 2008 Seminario della Scuola di Dottorato in Scienze Giuridiche Presentation: *Servizi pubblici e sistemi basati sulla conoscenza* Bologna. 9 May
61. 2008 Presentation: *A Logical Analysis of Defeasible Reasoning* Girona. 11 April
62. 2008. NorMAS 2008. 3rd International Workshop on Normative Multiagent Systems, Luxembourg. 15-16 July. Invited speech Presentation: *Fundamental Legal Concepts for Autonomous Agent*
63. 2007. Workshop on Reasonableness in Law, EUI, Law Department, San Domenico di Fiesole (Florence). 16-17 November. Presentation: *Rationality and reasonableness in cognition and in law*
64. 2007. Legislative Drafting Recommendation Workshop. Pretoria. 10-11 December 2007. Presentation: *Legislative Guidelines for Africa. Introduction to the Draft Version*
65. 2007. Conference Jurix 2007. Leiden. 13-14 December 2007. Presentation: *Success Chances in argumentGames: A Probabilistic Approach to Legal Disputes.*
66. 2007. Workshop “E-governance and Democracy. Theory and Practice”. Belfast, 30 September 2007. Presentation: *Open Standards for Legislation.*
67. 2007. International Workshop “eParliament: managing innovation”. Geneva, 10 October 2007. Presentation: *Using open standards to share knowledge and information.*
68. 2007. Workshop on “Solutions for E-Government”. Florence, 31 October 2007. Presentation: *Overcoming Barriers in the Field of Legal Information.*
69. 2007. Workshop on “General Concepts in the Law”. Word IVR Congress on Philosophy of Law and Social Philosophy. Krakow, August 2007. Presentation: *The Nature of Legal Concepts: Inferential Nodes or Ontological Categories.*
70. 2007. Workshop on “Reasoning about Legal Evidence”. Word IVR Congress on Philosophy of Law and Social Philosophy. Krakow, August 2007. Presentation: *The Nature of Legal Concepts: Inferential Nodes or Ontological Categories.*
71. 2007. Eleventh International Conference on “Artificial Intelligence and Law” (ICAIL-07). Stanford, Cal., June 2007. Presentation: *Formalising Arguments about the burden of persuasion.*
72. 2007. Eleventh International Conference on “Artificial Intelligence and Law” (ICAIL-07). Stanford, Cal., June 2007. Presentation: *Back to the Future: Variants of Temporal Defeasible Logic for Modelling Norm Modifications.*
73. 2006. Conference on “Sociétés, Environnement et Simulation”. Toulouse. 18-20 December 2006. Presentation: *Fundamental legal concepts for multiagent systems.*
74. 2006. I fondamenti cognitivi del diritto: percezioni, rappresentazioni, comportamenti. Turin. 14-6 December 2006. Presentation: *I concetti nel diritto e nella rappresentazione della conoscenza.*
75. 2006. “Jurix 2006” workshop. Paris. 6-8 December 2006. Presentation: *An OWL Ontology of Fundamental Legal Concepts, Presentation: Presumptions and Burdens of Proof Presumptions and Burdens of Proof.*
76. 2006. Workshop on Computable Models of the Law: Languages, Dialogues, Games, Ontologies. San Domenico di Fiesole (Florence, 1-2 December 2006. Presentation: *A Teleological Approach to Legal Dialogues.*
77. 2006. Approaching the Multilanguage Complexity of European Law: Methodologies in Comparison. Florence, 17 November 2006 Presentation: *Concepts in Law and in Knowledge Representation: Inferential Links vs Conceptual Hierarchies.* European University Institute, Law Department, Florence (Italy) San Domenico di Fiesole (Florence)
78. 2006. Subtech. Oslo. 28-30/6/2006. Presentation: *Proprietary and Communal Knowledge: The Case of Open Source Software*
79. 2006. Frames: A Colloquium in Linguistics, Philosophy and Economics. Bologna. 6-8/6/2006. Presentation: *Defeasibility in Law and Legal Dialectics, with Henry Prakken.*

80. 2006. Itrust: The Fourth International Conference on Trust Management. Pisa. 16-19/5/2006. Presentation: *Privacy, Reputation, and Trust: Some Implications for Data Protection*
81. 2005. L'informatica giuridica oggi. Roma, La Sapienza. 1/12/2005. Presentation: *L'informatica giuridica. Profili epistemologici*
82. 2005. Seminario Professione avvocato, Italia Oggi. Roma. 30/11/2005. Presentation: *L'informatica nello studio legale: ieri, oggi, domani*
83. 2005. 4th Workshop on Legislative XML. Klagenfurt. Presentation: *The ONE-LEX (ONtologies for European Laws in EXecutable format) project and the informational unification of the laws of Europe*
84. 2005. La connaissance juridique. Paris (LIPN, Universite Paris Nord) 8.11.2005. Presentation: *La connaissance juridique. Aspects logiques*
85. 2005. Ecole d'été CNRS "Théories du droit et systèmes évolutifs complexes" 11.9.2005-16.9.2005. Presentation: *Ontologies juridiques*
86. 2005. CORECOM Veneto e KINDERKOM Vò edizione. Venezia 20/5/2005. Presentation: *La tutela giuridica dei minori e Internet*
87. 2004. Ontologies juridiques. Paris, 3/11/2004: Presentation: *Legal Ontologies: A Theoretical Foundation*
88. 2004. Software libero e conoscenza aperta nella scuola. Genova, 25/10/2004: Presentation: *I diritti sul software tra esclusive e condivisione*
89. 2004. Open Source. Foggia, 2-3/07/2004: Presentation: *Sapere proprietario e sapere condiviso*
90. 2004. Law and the Possibility of Discourse. Belfast, 11-12/06/2004: Presentation: *Varieties of Dialogues and their Teleological Justification*
91. 2004. Rettsinformatikken i dag, og hvordan det begynte. Oslo, 30/04/2004: Presentation: *The Intelligent Agent in IT-Law*
92. 2003. World Conference on Legal Philosophy (IVR). Lund, 18-18/08/2003. Plenary Session: Presentation: *Legal theory construction*
93. 2002. II Congreso mundial de derecho informático. Madrid, 23-27/09/2002: Presentation: *Norms, Laws and the Internet*
94. 2002. Giornata di studio su "Informatica giuridica e commercio elettronico" Pescara 25.10.02. Presentation: *Gli agenti informatici e l'attività negoziale*
95. 2002. XXIII Congresso nazionale della Società Italiana di filosofia giuridica e politica - Macerata 2-5/10/2002. Presentation: *La rivoluzione informatica e la globalizzazione*
96. 2002. Le nuove sfide del diritto dell'informatica. Convegno di studi in ricordo di Ettore Giannantonio - Roma Venerdì 6 dicembre 2002. Presentation: *La contrattazione mediante "agenti informatici"*
97. 2001. International Conference on Artificial Intelligence and Law (ICAIL-2001). Saint Louis Presentation: *Theory Based Explanation of Case Law Domains*
98. 2002. RASTA02 workshop, Bologna, Giugno 2002. Presentation: *Actions, Institutions, Powers*
99. 2002. LEA02 workshop, Bologna, Giugno 2002. Presentation: *Agents in Cyberlaw*
100. 2002. Jurix 2002 workshop, Gennaio 2003. London. Presentation: *Declarative power*
101. 1999. International Conference on Artificial Intelligence and Law (ICAIL-99). Oslo. Presentation: *Time and Norms. A Formalisation in the Event-calculus*
102. 1999. IVR-1999. New York. Presentation: *Logic and Argumentation.*
103. 1998. Il diritto nella società dell'Informazione. Firenze. Presentation: *I linguaggi (e i sistemi) informatici e linguaggio giuridico.*
104. 1998. CIBERÉTICA I. First International Symposium in Intellectual Property, Information and Ethics. Florianopolis (Brazil). Presentation: *Artificial Intelligence and Law: An Introduction.*
105. 1997. Logic and Human Reasoning, London School of economics. Presentation: *Logic and argumentation in legal reasoning.*

106. 1997. Le Temps et le Droit, Bruxelles. Presentation: *Time in legislation*.
107. 1997. International Conference on Artificial Intelligence and Law (ICAIL-97), Melbourne (Australia). Presentation: *Reasoning with Precedents in a Dialogue Game*.
108. 1996. 2nd Workshop of the ModelAge Project, Seisimbra (Portogallo). Presentation: *A System for Defeasible Argumentation with defeasible priorities*.
109. 1996. Formal and Applied Practical Reasoning (FAPR-97), Bonn. Presentation: *A System for Defeasible Argumentation, with Defeasible Priorities*.
110. 1996. Deontic Logic and Computers (DEON-95), Seisimbra (Portogallo). Presentation: *Towards a Computational Treatment of Deontic Defeasibility*
111. 1996 Workshop on Computational Dialectic (FAPR-97), Bonn. Presentation: *Representing Legal Precedents as Defeasible-Argumentation Structures (preliminary report)*.
112. 1995. World conference on legal philosophy (IVR-95), Bologna. Presentation: *1) Norma-SGML: the exploitation of structured markup in the legal drafting; 2) Argumentation framework: the missing link between argument and procedure; 3) L'informatica giuridica e la filosofia del diritto in Italia; 4) Norma-Database: A Relational Database for Handling and Consolidating Legal Texts*
113. 1995. International Conference on Artificial Intelligence and Law (ICAIL-95), Washington (DC). Presentation: *On the relation between legal language and legal argument: assumptions, applicability and dynamic priorities*
114. 1994. Tecnica della legislazione: metodologie e strumenti informatici, Firenze. Presentation: *La legimatica: un modello per l'informatica giuridica?*
115. 1994. Knowledge Representation for Legal Reasoning, Boston. Presentation: *Defeasible reasoning and legal argumentation*
116. 1993. Verso un sistema esperto giuridico integrale, Firenze. Presentation: *1) Un prototipo di ambiente informatizzato per la redazione di testi legislativi; 2) L'ipertestualità della legislazione; 3) Defeasible Legal Reasoning*
117. 1993. University of Vienna. Presentation: *Artificial intelligence and law*
118. 1993. The Fourth International Conference on Artificial Intelligence and Law (ICAIL-93), Amsterdam, giugno 1993. Presentation: *A Simple Computational Model for Nonmonotonic and Adversarial Legal Reasoning*
119. 1993. Quinto congresso internazionale sul tema Informatica e attività giuridica, Roma. Presentation: *Un modello ipertestuale della legislazione*
120. 1993. GULP '1993, ottavo convegno sulla programmazione logica, Rende (CS). Presentation: *Defeasible Arguments in a Logical Programming Model*
121. 1992. La crisis del derecho y sus alternativas, Madrid. Presentation: *Artificial intelligence and law*
122. 1991. The Third International Conference on Artificial Intelligence and Law (ICAIL-91), Oxford, giugno 1991. Presentation: *1) An Application of the Expert System Shell Σkilagi to the Study Benefits Regulation of Bologna University; 2) The Structure of Legal Norms and Nonmonotonic Reasoning in Law*
123. 1991. Tecnica della legislazione: metodologie e strumenti informatici, Bologna. Presentation: *1) IRI-AL. Un prototipo di ambiente informatizzato per la redazione di testi legislativi; 2) Dinamica dei sistemi normativi e calcolo degli eventi*
124. 1991. Jurix 91. Legal Knowledge Based Systems. Model-based Legal Reasonin, Rotterdam. Presentation: *Inconsistency and Legal Reasoning*
125. 1991. First International Workshop on Deontic Logic in Computer Science. (DEON 91), Amsterdam. Presentation: *Normative Conflicts and Legal Reasoning*
126. 1989. International conference Artificial Intelligence and Law, Bologna. Presentation: *1) An Expert System in Environmental Law (IRI Project); 2) A System to Draft Normalized Texts and Generate Knowledge Bases in Predicate Logic*

127. 1988. Quarto congresso internazionale sul tema Informatica e regolamentazioni giuridiche. Roma, 16-21 maggio 1988. Presentation: *Terminologie juridique et documentation juridique multilingues à la Cour de justice des Communautés européennes*
128. 1988. Quarto congresso internazionale sul tema Informatica e regolamentazioni giuridiche, Roma. Presentation: *Applicazioni dell'intelligenza artificiale al diritto: il progetto IRI (Irnerio Regioni Italiane)*
129. 1988. IV jornadas internacionales de logica e informatica juridica, San Sebastiàn. Presentation: *El empleo de la logica en la formalisacion del conocimiento juridico: el programa IRI-Regiones Italianas*
130. 1988. Convegno Infogiure-Taras uno. Giornate di studio su logica, informatica, diritto, Taranto. Presentation: *Un sistema esperto per il diritto*
131. 1987. III colloquio internazionale "La prova", Messina. Presentation: *appresentazione della conoscenza e procedure di inferenza nei sistemi esperti. Una proposta per il diritto.*
132. 1987. Convegno Informatique et droit, Strasburgo. Presentation: *An expert system shell.*

## 2.11 Invited Lectures

1. 2008 Presentation: *Models of legal argumentation: an overview* Alicante. 19 June 2008
2. 2008 Presentation: *Precedents in Civil Law and in Common Law* Bologna. 19 June 2008
3. 2007. Il diritto nel web semantico: standard per la conoscenza giuridica. In "L'informazione nell'epoca del Web: la marcatura dei testi, finalizzata alla diffusione, al riuso e alla conservazione dei testi stessi". Senato della repubblica. Roma, 21 September 2007
4. 2007. Legal informatics. E-Parliament Implementation Training and Study visit. Delegation of the National Assembly of Vietnam, Global Centre for ICT in Parliament, Rome

## 3 Publications

### 3.1 Authored Books

1. Giovanni Sartor. *Corso di Informatica giuridica. Vol. 1. L'informatica giuridica e le tecnologie dell'informazione.* Vol. 1. Turin: Giappichelli, 2008
2. Giovanni Sartor. *Legal Reasoning: A Cognitive Approach to the Law.* Vol. 5. Treatise on Legal Philosophy and General Jurisprudence. Berlin: Springer, 2005
3. Claudia Cevenini, Claudio Di Cocco, and Giovanni Sartor. *Lezioni di Informatica Giuridica.* Bologna: Gedit, 2004
4. Paolo Baldini, Paolo Guidotti, and Giovanni Sartor. *Manuale di informatica giuridica.* Bologna: Clueb, 1997
5. Giovanni Sartor. *Intelligenza artificiale e diritto. Un'introduzione.* Milan: Giuffrè, 1995
6. Giovanni Sartor. *Artificial Intelligence in Law.* Oslo: Tano, 1993
7. Giovanni Sartor. *Studi di logica giuridica.* Florence: IDG, 1993
8. Carlo Biagioli, Pietro Mercatali, and Giovanni Sartor. *Elementi di legimatica.* Padua: Cedam, 1993
9. Giovanni Sartor. *Linguaggio giuridico e linguaggi di programmazione.* Bologna: CLUEB, 1992
10. Giovanni Sartor. *Le applicazioni giuridiche dell'intelligenza artificiale: la rappresentazione della conoscenza.* Milan: Giuffrè, 1990
11. Giovanni Sartor. "Diritto dell'informatica e politica delle tecnologie dell'informazione". In: *Rivista trimestrale di diritto e procedura civile* 60 (1986), pp. 620–29

### 3.2 Edited Books

12. Enrico Francesconi, Giovanni Sartor, and Daniela Tiscornia. *Proceedings of JURIX 2009*. Amsterdam: IOS, 2008
13. Pompeu Casanovas, Nuria Casellas, Rossella Rubino, and Giovanni Sartor. *Computable Models of the Law*. Berlin: Springer, 2008
14. Gianmaria Ajani, Ginevra Peruginelli, Giovanni Sartor, and Daniela Tiscornia, eds. *The Multilanguage Complexity of European Law*. Florence: European Press Academic Publishing, 2007
15. Carlo Biagioli, Enrico Francesconi, and Giovanni Sartor, eds. *Proceedings of the 5th Legislative XML Workshop*. Florence: European Press Academic Publishing, 2007
16. Claudia Cevenini, Gianluigi Fioriglio, and Giovanni Sartor, eds. *Fiducia e diritto nella società dell'informazione*. Bologna: Gedit, 2007
17. Juri Monducci and Giovanni Sartor, eds. *Il codice in materia di protezione dei dati personali: Commentario sistematico al D. Lgs. 30 giugno 2003 n. 196*. Padova: Cedam, 2004
18. Jon Bing and Giovanni Sartor, eds. *The Law of Electronic Agents*. Oslo: Unipubskriftserier, 2003
19. Henry Prakken and Giovanni Sartor, eds. *Logical Models of Legal Argumentation*. Dordrecht: Kluwer, 1997
20. Carlo Biagioli, Giovanni Sartor, and Daniela Tiscornia, eds. *Proceedings of the Workshop on Legal Application of Logic Programming (ICLP-94)*. Florence: IDG, 1994
21. Giovanni Sartor, ed. *Nuovi modelli formali del diritto. Il ragionamento giuridico nell'informatica e nell'intelligenza artificiale*. Milan: Cuesp, 1993

### 3.3 Edited Special Issues

22. Andrea Omicini, Anja Oskamp, Rossella Rubino, and Giovanni Sartor, eds. "Agents, Institutions and Legal Theory (Special Issue)". In: *Artificial intelligence and Law* 16 (2008), pp. 1–145
23. Rosaria Conte, Rino Falcone, and Giovanni Sartor. "Agents and Norms (special issue)". In: *Artificial Intelligence and Law* 7 (1999), pp. 1–113
24. Lothar Philipps and Giovanni Sartor, eds. "Neural Networks and Fuzzy Reasoning in the Law. Special issue". In: *Artificial Intelligence and law* 7 (1999), pp. 115–322
25. Ninke Den Haan and Giovanni Sartor. "Model-based Legal Knowledge Engineering". In: *International Journal of Human-Computer Studies* (1999), pp. 1037–189
26. L. Karl Branting and Giovanni Sartor, eds. "Judicial Applications of Artificial Intelligence". In: *Artificial intelligence and Law* 7. Special issue (1998), pp. 157–372. Reprinted in L. Karl Branting and Giovanni Sartor, eds. *Judicial Applications of Artificial Intelligence*. Dordrecht: Kluwer, 1998
27. Henry Prakken and Giovanni Sartor, eds. "Logical Models of Legal Argumentation (Special Issue)". In: *Artificial Intelligence and Law* 5 (1996), pp. 157–372. Reprinted in Henry Prakken and Giovanni Sartor, eds. *Logical Models of Legal Argumentation*. Dordrecht: Kluwer, 1997

### 3.4 Journal Articles

28. Giovanni Sartor. "Legal Validity: An Inferential Analysis". In: *Ratio Juris* (2008)
29. Giovanni Sartor. "Syllogism and Defeasibility: A Comment on Neil MacCormick's Rhetoric and the Rule of Law". In: *Northern Ireland Legal Quarterly* 59 (2008), pp. 20–31
30. Nino Rotolo, Giovanni Sartor, and Clara Smith. "Good Faith in Contract Negotiation and Performance". In: *International Journal of Business Process Integration and Management* (2008). Forthcoming.
31. Giovanni Sartor. "Possesso e accettazione di concetti giuridici: un'analisi inferenziale". In: *Analisi e diritto* (2007), pp. 67–89
32. Giovanni Sartor. "L'informatica giuridica nella società dell'informazione". In: *L'informatica giuridica oggi*. Ed. by Nicola Palazzolo. Naples: Edizioni scientifiche italiane, 2007

33. Giovanni Sartor and Guido Scorza. “L’accesso al codice sorgente: alcuni considerazioni su libertà, conoscenza e concorrenza in margine al caso Microsoft”. In: *Diritto dell’Internet* 2 (2006), pp. 329–34
34. Giovanni Sartor. “Fundamental Legal Concepts: A Formal and Teleological Characterisation”. In: *Artificial Intelligence and Law* 21 (2006), pp. 101–42 ([pdf](#))
35. Marco Alberti, Marco Gavanelli, Evelina Lamma, Paola Mello, Giovanni Sartor, and Paolo Torroni. “Mapping deontic operators to abductive expectations”. In: *Computational and Mathematical Organization Theory* 12.2-3 (2006), pp. 205–25
36. Giovanni Sartor. “Reasoning with Factors”. In: *Argumentation* (2005), pp. 417–32 ([pdf](#))
37. Giovanni Sartor. “Dialoghi e ragionamento giuridico: diversità dei sistemi dialettici e loro giustificazione”. In: *Analisi e diritto* (2004), pp. 183–214
38. Jaap C. Hage and Giovanni Sartor. “Legal Theory Construction”. In: *Associations* 7 (2003), pp. 171–83 ([pdf](#))
39. Henry Prakken and Giovanni Sartor. “The Three Faces of Defeasibility in the Law”. In: *Ratio Juris* 17 (2003), pp. 118–39 ([pdf](#))
40. Trevor J. M. Bench-Capon and Giovanni Sartor. “A Model of Legal Reasoning with Cases Incorporating Theories and Values”. In: *Artificial Intelligence* 150 (2003), pp. 97–142
41. Giovanni Sartor. “Gli agenti software e la disciplina giuridica degli strumenti cognitivi”. In: *Diritto dell’informazione e dell’informatica* (2003), pp. 27–59 ([pdf](#))
42. Giovanni Sartor. “L’intenzionalità dei sistemi informatici e il diritto”. In: *Rivista trimestrale di diritto e procedura civile* (2002), pp. 23–51 ([pdf](#))
43. Giovanni Sartor. “Il diritto della rete globale”. In: *Cyberspazio e diritto* 4 (2003), pp. 67–94 ([pdf](#))
44. Giovanni Sartor. “Teleological Arguments and Theory-based Dialectics”. In: *Artificial Intelligence and Law* 10 (2002), pp. 95–112 ([pdf](#))
45. Giovanni Sartor. “Gli agenti software: nuovi soggetti del ciberdiritto”. In: *Contratto e impresa* (2002), pp. 57–91 ([pdf](#))
46. Giovanni Sartor. “Una nuova logica giuridica per l’argomentazione telematica?” In: *Scrittura e diritto. Quaderni della Rivista trimestrale di diritto e procedura civile*. Milan: Giuffrè, 2000, pp. 177–210 ([pdf](#))
47. Giovanni Sartor. “Legal validity as doxastic obligation: from definition to normativity”. In: *Law and Philosophy* 5 (2000), pp. 585–625 ([pdf](#))
48. Lothar Philipps and Giovanni Sartor. “Introduction: From Legal Theories to Neural Networks and Fuzzy Reasoning”. In: *Artificial Intelligence and Law* 7 (1999), pp. 115–28 ([pdf](#))
49. Rosaria Conte, Rino Falcone, and Giovanni Sartor. “Introduction to Agents and Norms (Special issue)”. In: *Artificial Intelligence and Law* 7 (1999), pp. 1–15
50. L. Karl Branting and Giovanni Sartor, eds. “Judicial Applications of Artificial Intelligence”. In: *Artificial intelligence and Law* 7. Special issue (1998), pp. 157–372. Reprinted in L. Karl Branting and Giovanni Sartor, eds. *Judicial Applications of Artificial Intelligence*. Dordrecht: Kluwer, 1998
51. Henry Prakken and Giovanni Sartor. “Modelling Reasoning with Precedents in a Formal Dialogue Game”. In: *Artificial Intelligence and Law* 6 (1998), pp. 231–87 ([pdf](#))
52. Giovanni Sartor. “I linguaggi (e i sistemi) informatici: un vincolo per il giurista”. In: *Rivista del notariato* 5 (1998), pp. 825–59 ([pdf](#))
53. Henry Prakken and Giovanni Sartor. “Argument-based Extended Logic Programming with Defeasible Priorities”. In: *Journal of Applied Non-classical Logics* 7 (1997), pp. 25–75 ([pdf](#))
54. Giovanni Sartor. “Logic and Argumentation in Legal Reasoning”. In: *Current Legal* 15 (1997), pp. 25–63
55. Henry Prakken and Giovanni Sartor. “Editor’s Introduction to “Logical models of legal argumentation” (Special issue)”. In: *Artificial Intelligence and Law* 4 (1996), pp. 157–61 Reprinted as Henry Prakken and Giovanni Sartor. “Editor’s Introduction”. In: *Logical models of legal argumentation*. Dordrecht: Kluwer, 1996, pp. 1–15

56. Henry Prakken and Giovanni Sartor. “On the Relation between Legal Language and Legal Argument: Assumptions, Applicability and Dynamic Priorities”. In: *Proceedings of the Fifth International Conference on Artificial Intelligence and Law*. New York, N. Y.: ACM, 1995, pp. 1–10
57. Giovanni Sartor. “Struttura logica delle norme, onere della prova, e defeasibility del ragionamento giuridico”. In: *Informatica e diritto* (1995)
58. Giovanni Sartor. “A Formal Logic for Legal Argumentation”. In: *Ratio Juris* 7 (1994), pp. 212–26 ([pdf](#))
59. Paolo Baldini, Alessandra Capelli, P. Rivelino, Giovanni Sartor, and Francesco Tura. “IRI-AL. Un ambiente informatico per la redazione di testi legislativi”. In: *Informatica e diritto* 18 (1993), pp. 151–84
60. Giovanni Dallara, Carlo Gattei, and Giovanni Sartor. “Dinamica dei sistemi normativi e calcolo degli eventi”. In: *Informatica e diritto* 18.1 (1993), pp. 65–81
61. Giovanni Sartor. “Defeasibility in Legal Reasoning”. In: *Rechtstheorie* 24 (1993), pp. 281–316
62. Giovanni Sartor. “Antinomie e ragionamento non monotonic nel diritto”. In: *Discipline filosofiche* (1993), pp. 155–83
63. Giovanni Sartor. “Artificial Intelligence in Law and Legal Theory”. In: *Current legal theory* 10 (1992), pp. 1–59
64. Giovanni Sartor. “Intelligenza artificiale e diritto: una breve rassegna”. In: *AI\*IA Notizie* 6 (1992), pp. 35–50
65. Giovanni Sartor. “Normative Conflicts in Legal Reasoning”. In: *Artificial Intelligence and Law* 1 (1992), pp. 209–35
66. Giovanni Sartor. “Obbligo deontico e obbligo tecnico”. In: *Informatica e diritto* 17.1-3 (1991), pp. 113–46.
67. Giovanni Sartor. “L’analisi elettronica dei testi giuridici: il programma IRINORM e i progetto IRI (Irrerio Regioni Italiane)”. In: *Rivista trimestrale di diritto e procedura civile* 64 (1990), pp. 1117–36
68. Enrico Pattaro and Giovanni Sartor. “Legal Philosophical Library”. In: *Informatica e diritto* 13.3 (1987), pp. 163–72 Spanish edition: Enrico Pattaro and Giovanni Sartor. “La base de datos “Legal Philosophical Library””. In: *Problemas actuales de la documentacion y la informatica juridica. Actas del Coloquio Internacional celebrado en la Universidad de Sevilla (5 y 6 de marzo de 1986)*. Ed. by A. E. Perez Luno. Tecnos, 1987, pp. 91–9
69. Giovanni Sartor. “: I. D’Elia and C. Ciampi, 1987, L’informatica nella pubblica amministrazione”. In: *Informatica e diritto* 13.3 (1987), pp. 187–9
70. Giovanni Sartor. “Le regole del diritto e le regole del gioco”. In: *Sociologia del diritto* 2 (1987), pp. 159–62
71. Giovanni Sartor. “Alcune osservazioni sull’applicabilità della logica classica alle norme”. In: *Informatica e diritto* 13.3 (1987), pp. 65–90
72. Giovanni Sartor. “Tutela della personalità e normativa per la “protezione dei dati”. La sentenza della corte costituzionale tedesca sul censimento del 1983 nel dibattito dottrinale sui profili costituzionalistici del Datenschutz”. In: *Informatica e diritto* 12.3 (1986), pp. 95–118
73. Giovanni Sartor. “: G. Kalinowski and F. Selvaggi (eds.) 1985, Les fondements logiques de la pensée normative, Roma: Editrice Pontificia Università Gregoriana”. In: *Informatica e diritto* 11.3 (1986), pp. 521–39
74. Giovanni Sartor. “Note su I fondamenti logici del pensiero normativo”. In: *Materiali per una storia della cultura giuridica* 16 (1986), pp. 521–39
75. Giovanni Sartor. “Le reti di Petri. Un linguaggio formale applicabile al diritto?” In: *Sociologia del diritto* 1 (1986), pp. 109–18
76. Giovanni Sartor. “: G. Alpa (ed.) 1984. I contratti di utilizzazione del computer. Milano: Giuffrè. G. Alpa (ed.). 1984. La tutela giuridica del software, Milano:Giuffrè. G. Alpa (ed.) 1985. Computers e responsabilità civile. Milano: Giuffrè”. In: *Informatica e diritto* 11 (1985), pp. 239–46

### 3.5 Book Chapters/Contributions in Conference Proceedings

77. Trevor J. M. Bench-Capon, Henry Prakken, and Giovanni Sartor. “Argumentation for Supporting Legal Reasoning”. In: *Argumentation in Artificial Intelligence*. Ed. by Iyad Rawhan and Guillermo R. Simari. 2008
78. Giovanni Sartor. “Understanding and Applying Legal Concepts: An Inquiry on Inferential Meaning”. In: *Concepts in Law*. Ed. by Jaap C. Hage and Dietmar von der Pfordten. Hart, 2008. Forthcoming.
79. Rossella Rubino and Giovanni Sartor. “Source Norms and Self-Regulated Institutions”. In: *Computable Models of the Law*. Ed. by Pompeu Casanovas, Nuria Casellas, Rossella Rubino, and Giovanni Sartor. Berlin: Springer, 2008. Forthcoming.
80. Régis Riveret, Henry Prakken, Antonino Rotolo, and Giovanni Sartor. “Heuristics in argumentation: A game-theoretical investigation”. In: *Computational Models of Argument. Proceedings of COMMA-08*. Amsterdam: IOS, 2008. Forthcoming.
81. Régis Riveret, Nino Rotolo, Giovanni Sartor, Henry Prakken, and Bram Roth. “Success Chances in Argument Games: A Probabilistic Approach to Legal Disputes”. In: *Proceeding of Legal Knowledge and Information Systems - JURIX 2007*. Ed. by Arno R. Lodder. Amsterdam: IOS, 2007, pp. 99–108
82. Henry Prakken and Giovanni Sartor. “Formalising Arguments about the Burden of Persuasion”. In: *Proceedings of the 11th international conference on Artificial intelligence and law (ICAIL-2007)*. New York, N. Y.: ACM, 2007 ([pdf](#))
83. Guido Governatori, Antonino Rotolo, Régis Riveret, Monica Palmirani, and Giovanni Sartor. “Back to the Future: Variants of temporal defeasible logics for modelling norm modifications”. In: *Proceedings of Eleventh International Conference on Artificial Intelligence and Law*. New York, N. Y.: ACM, 2007, pp. 155–9 ([pdf](#))
84. Giovanni Sartor. “A Teleological Approach to Legal Dialogues”. In: *Law, Rights and Discourse. Themes from the Legal Philosophy of Robert Alexy*. Oxford: Hart, 2007, pp. 249–74 ([pdf](#))
85. Giovanni Sartor. “Concepts in Law and in Knowledge Representation: Inferential Links vs Conceptual Hierarchies”. In: *Proceedings of the Conference Approaching the Multilanguage Complexity of European Law: Methodologies in Comparison*. Ed. by Gianmaria Ajani, Giovanni Sartor, and Daniela Tiscornia. Florence: European Press Academic Publishing, 2007, pp. 41–76 ([pdf](#))
86. Guido Governatori, Monica Palmirani, Antonino Rotolo, Régis Riveret, and Giovanni Sartor. “Norm Modifications in Defeasible Logic”. In: *Proceedings of Jurix 2006*. Amsterdam: IOS, 2006, pp. 13–22 ([pdf](#))
87. Henry Prakken and Giovanni Sartor. “Presumptions and Burdens of Proof”. In: *Proceedings of the Nineteenth Annual Conference on Legal Knowledge and Information Systems (JURIX)*. Ed. by Tom Van Engers. Amsterdam: IOS, 2006 ([pdf](#))
88. Antonino Rotolo, Rossella Rubino, and Giovanni Sartor. “An OWL Ontology of Fundamental Legal Concepts”. In: *Proceedings of Jurix 2006*. Amsterdam: IOS, 2006 ([pdf](#))
89. Giovanni Sartor. “Privacy, Reputation, and Trust: Some Implications for Data Protection”. In: *Trust Management, 4th International Conference, iTrust 2006, Pisa, Italy, May 16-19, 2006. Proceedings*. Berlin: Springer, 2006, pp. 354–66 ([pdf](#))
90. Giovanni Sartor. “Privacy, reputazione, e affidamento: dialettica e implicazioni per il trattamento dei dati personali”. In: *Privacy digitale: giuristi e informatici a confronto*. Ed. by Ugo Pagallo. Turin: Giappichelli, 2005, pp. 81–97 ([pdf](#))
91. Giovanni Sartor. “The ONE-LEX (ONtologies for European Laws in EXecutable format) Project and the Informational Unification of the Laws of Europe”. In: *Workshop on legislative informatics. 3th Klagenfurter Legistik Gespräche*. 2005 ([pdf](#))
92. Guido Governatori, Monica Palmirani, Antonino Rotolo, Régis Riveret, and Giovanni Sartor. “Norm Modifications in Defeasible Logic”. In: *Proceedings of Jurix 2006*. Amsterdam: IOS, 2006, pp. 13–22 ([pdf](#))
93. Giulio Borsari, Claudia Cevenini, Giuseppe Contissa, and Stefano Morini. “Hare: An Italian Application of SoftLaw’s STATUTE Expert Technology”. In: *Proceedings of the Tenth International Conference on Artificial Intelligence and Law (ICAIL-2005)*. New York, N. Y.: ACM, 2005, pp. 225–9 ([pdf](#))
94. Guido Governatori, Antonino Rotolo, and Giovanni Sartor. “Temporalised Normative Positions in Defeasible Logic”. In: *Proceedings of the Tenth International Conference on Artificial Intelligence and Law (ICAIL 2005)*. New York, N. Y.: ACM, 2005, pp. 25–34

95. Nino Rotolo, Giovanni Sartor, and Clara Smith. “Formalization of a ‘Normative Version’ of Good Faith”. In: *Proceedings of the Lea-Tilt workshop*. Nijmegen: Wolf, 2005 ([pdf](#))
96. Rossella Rubino and Giovanni Sartor. “Computational Institutions: an Analysis of Trust”. In: *Proceedings of the 4th International Workshop on the Law of Electronic Agents (LEA 2005)*. Ed. by Claudia Cevenini and Anja Oskamp. Nijmegen: Wolf, 2005, pp. 57–64 ([pdf](#))
97. Giovanni Sartor. “Proprietà e comunione del sapere informatico”. In: *Open Source*. Milan: Giuffrè, 2004, pp. 126–53 ([pdf](#))
98. Giovanni Sartor. “Conative Attitudes and Normative Truths”. In: *Perspectives in Jurisprudence: Essays in Honor of Jes Bjarup*. Ed. by Peter Wahlgren and Mario Zamboni. Stockholm: Stockholm Institute for Scandinavian law, 2005, pp. 341–70 ([pdf](#))
99. Giovanni Sartor. “Virtual Rules and Internet Law”. In: *Informatik–Wirtschaft– Recht: Regulierung der Wissensgesellschaft*. Ed. by Taeger J. and Wiebe A. Baden-Baden: Nomos, 2004 ([pdf](#))
100. Jonathan Gelati, Antonino Rotolo, and Giovanni Sartor. “Normative Autonomy and Normative Coordination: Declarative Power, Representation, and Mandate”. In: *Proceedings of LEA 2002: Workshop on the Law of Electronic Agents*. Bologna: CIRSFID, 2002, pp. 133–50
101. Giovanni Sartor. “Cognitive Automata and the Law”. In: *The Law of Electronic Agents*. Oslo: Unipubskriftserier, 2003, pp. 67–114 ([pdf](#))
102. Daniela Memmo, Giovanni Sartor, and Gioacchino Quadri. “Trust, Reliance, Good Faith and the Law”. In: *Trust Management and the law: Proceedings of the First International Conference on Trust Management*. Ed. by P. Nixon and S. Terzis. Berlin: Springer, 2003, pp. 150–64
103. Giovanni Sartor. “Why agents comply with norms, and why they should”. In: *In Social Order in MAS*. Ed. by Rosaria Conte and Chris Dellarocas. Dordrecht: Kluwer, 2002, pp. 19–44 ([pdf](#))
104. Jonathan Gelati, Antonino Rotolo, and Giovanni Sartor. “A Logic-based Analysis of XrML”. In: *Proceedings of LEA03 (Edinburgh, 24-06-2003)*. Ed. by Anja Oskamp and Emily Weitzenboeck. Oslo: Norwegian Research Center for Computers and Law: 2003, pp. 57–68
105. Jonathan Gelati, Guido Governatori, Antonino Rotolo, and Giovanni Sartor. “Declarative Power, Representation, and Mandate: A Formal Analysis”. In: *Proceedings of the Fifteenth Annual Conference on Legal Knowledge and Information Systems (JURIX)*. Amsterdam: IOS, 2002, pp. 41–52 ([pdf](#))
106. Jonathan Gelati, Antonino Rotolo, and Giovanni Sartor. “Normative Autonomy and Normative Coordination: Declarative Power, Representation, and Mandate”. In: *Proceedings of LEA 2002: Workshop on the Law of Electronic Agents*. Bologna: CIRSFID, 2002, pp. 133–50
107. Jonathan Gelati, Guido Governatori, Antonino Rotolo, and Giovanni Sartor. “Actions, Institutions, Powers: Preliminary Notes”. In: *International Workshop on Regulated Agent-Based Social Systems: Theories and Applications (RASTA’02)*. Ed. by Gabriela Lindemann, Daniel Moldt, Mario Paolucci, and Bin Yu. Hamburg: Fachbereich Informatik, Universität Hamburg, 2002, pp. 131–47 ([pdf](#))
108. Henry Prakken and Giovanni Sartor. “The Role of Logic in Computational Models of Legal Argument: A Critical Survey”. In: *Computational Logic: From Logic Programming into the Future (In honour of Bob Kowalski)*. Ed. by A. Kakas and F. Sadri. Berlin: Springer, 2002, pp. 342–81 ([pdf](#))
109. Trevor J. M. Bench-Capon and Giovanni Sartor. “A Quantitative Approach to Theory Coherence”. In: *Proceedings of the Fourteenth Annual Conference on Legal Knowledge and Information Systems (JURIX)*. Amsterdam: IOS, 2001, pp. 53–62 ([pdf](#))
110. Trevor J. M. Bench-Capon and Giovanni Sartor. “Theory-based Explanation of Case Law Domains”. In: *Proceedings of the Eighth International Conference on Artificial Intelligence and Law (ICAIL)*. New York, N. Y.: ACM, 2001, pp. 12–21 ([pdf](#))
111. Trevor J. M. Bench-Capon and Giovanni Sartor. “Theory Based Dialectics for Resolving Disagreement in Law”. In: *Proceedings of the ECAI 2000 Workshop on Disagreement in Law. In Computational Dialectics: Models of Argumentation, Negotiation and Decision Making. Berlin, 22 Aug 2000*. Berlin 2001
112. Giovanni Sartor and Paolo Guidotti. “IT support of the Judiciary in Europe”. In: *ITeR rapport no. XX*. Ed. by Arno R. Lodder, Anja Oskamp, and Schmidt. Den Haag: SDU, 2001, pp. 27–38

113. Trevor J. M. Bench-Capon and Giovanni Sartor. “Using Values and Theories To Resolve Disagreement in Law”. In: *Proceedings of the Thirteenth Annual Conference on Legal Knowledge and Information Systems (JURIX)*. Ed. by Joost Breuker, Leenes Ronald, and Radboud Winkels. Amsterdam: IOS, 2000, pp. 73–84 ([pdf](#))
114. Rafael Hernandez Marín and Giovanni Sartor. “Time and Norms: A Formalisation in the Event-calculus”. In: *Proceedings of the Seventh International Conference on Artificial Intelligence and Law (ICAIL)*. New York, N. Y.: ACM, 1999, pp. 90–100 ([pdf](#))
115. Henry Prakken and Giovanni Sartor. “A System for Defeasible Argumentation with Defeasible Priorities”. In: *Artificial Intelligence Today: Recent Trends and Developments*. Ed. by Michael Wooldridge and M. Veloso. Lecture notes in Artificial Intelligence 1600. Berlin: Springer, 1999, pp. 22–75
116. Rafael Hernandez Marín and Giovanni Sartor. “Time in Legislation”. In: *Time and Law. Is the Nature of Law to Last*. Ed. by Francois Ost and Mark Van Hoecke. Brussels: Bruylant, 1998, pp. 425–50
117. Paolo Guidotti and Giovanni Sartor. “Banche dati e sistemi di documentazione giuridica”. In: *Corso di Informatica giuridica - Dispense*. Catania: Torre, 1998, pp. 111–27
118. Giovanni Sartor. “I linguaggi (e i sistemi) informatici e linguaggio giuridico”. In: *Proceedings of the conference: Il diritto nella società dell’Informazione*. Florence: IDG, 1998
119. Giovanni Sartor. “Artificial Intelligence and Law: An Introduction”. In: *Proceedings of CIBERETICA I. First International Symposium in Intellectual Property, Information and Ethics*. 1998 ([pdf](#))
120. Giovanni Sartor. “A Dialectical Model of Case Based Reasoning”. In: *Proceedings of the Ninth International Workshop on Database and Expert Systems Applications*. Los Alamitos, Cal: IEEE Computer Society, 1998
121. Henry Prakken and Giovanni Sartor. “Reasoning with Precedents in a Dialogue Game”. In: *Proceedings of the Sixth International Conference on Artificial Intelligence and Law*. New York, N. Y.: ACM, 1997, pp. 1–9
122. Giovanni Sartor. “Riferimenti normativi e dinamica dei testi normativi”. In: *Il procedimento legislativo regionale*. Ed. by P. Caretti. Padua: Cedam, 1996, pp. 247–281
123. Henry Prakken and Giovanni Sartor. “Linguaggio giuridico e argomentazione giuridica: un modello formale”. In: *Rappresentazione della conoscenza e ragionamento giuridico*. Ed. by Fabrizio Turchi. Bologna: Clueb, 1996
124. Henry Prakken and Giovanni Sartor. “System for Defeasible Argumentation with Defeasible Priorities”. In: *Proceedings of the International Conference on Formal and Applied Practical Reasoning*. Berlin: Springer, 1996, pp. 510–24. Reprint of of Henry Prakken and Giovanni Sartor. “System for Defeasible Argumentation with Defeasible Priorities”. In: *Proceedings of the International Conference on Formal and Applied Practical Reasoning*. Ed. by J.L. Fiadeiro and Pierre-Yves Schobbens. Lisbon: Departamento de Informática, Faculdade de Ciências, Universidade de Lisboa., 1996, pp. 195–210
125. Henry Prakken and Giovanni Sartor. “Rules about Rules: Assessing Conflicting Arguments in Legal Reasoning”. In: *Artificial Intelligence and Law 4* (1996), pp. 331–68. Reprinted as Henry Prakken and Giovanni Sartor. “Rules about Rules: Assessing Conflicting Arguments in Legal Reasoning”. In: *Logical models of legal argumentation*. Dordrecht: Kluwer, 1996, pp. 175–212 ([pdf](#))
126. Alberto Artosi, Guido Governatori, and Giovanni Sartor. “Towards a Computational Treatment of Deontic Defeasibility”. In: *Deontic Logic, Agency and Normative Systems*. London: Springer, 1996
127. Giovanni Sartor. “Il precedente giudiziale”. In: *Contratto e impresa* 11 (1996), pp. 1100–56 ([pdf](#))
128. Henry Prakken and Giovanni Sartor. “Argumentation Framework: The Missing Link between Arguments and Procedures”. In: *European Journal of Law, Philosophy and Computer Science* 1-2 (1995), pp. 379–96
129. Giovanni Sartor and Fabio Vitali. “Norma-SGML: The Exploitation of Structured Markup in the Legal Drafting”. In: *Preproceedings IVR Congress*. Bologna 1995
130. Carlo Biagioli, Pietro Mercatali, Giovanni Sartor, Giancarlo Taddei Elmi, and Daniela Tiscornia. “L’informatica giuridica e la filosofia del diritto in Italia”. In: *Preproceedings IVR Congress*. Bologna 1995
131. Alessandra Capelli, Enrico Pattaro, and Giovanni Sartor. *Manuale per la redazione dei testi normativi comunali*. Cirsfid. Bologna 1995

132. Giovanni Sartor. “La legimatica: un modello per l’informatica giuridica”. In: *Legimatica: informatica per legiferare*. Ed. by Carlo Biagioli, Pietro Mercatali, and Giovanni Sartor. Naples: Edizioni scientifiche italiane, 1995, pp. 212–26
133. Giovanni Sartor. “Defeasibility in Legal Reasoning”. In: *Informatics and the Foundations of Legal Reasoning*. Ed. by Z. Bankowski, I. White, and U. Hahn. Dordrecht: Kluwer Academic, 1995, pp. 119–57
134. Carlo Biagioli, Pietro Mercatali, and Giovanni Sartor. “Atti del Seminario IDG-CIRFID Tecnica della legislazione: metodologie e strumenti informatici (Bologna, 4 May 1992, Cirfid, Palazzo Gaudenzi, Sala Kelsen)”. In: *Informatica e diritto* 18 (1993)
135. Paolo Baldini, Alessandra Capelli, Giovanni Sartor, and Francesco Tura. “IRI-AL. Prototipo di ambiente informatizzato per la redazione di testi legislativi”. In: *Proceedings of “Verso un sistema esperto giuridico globale”*. Florence: IDG, 1993
136. Cesare Maioli, Giovanni Sartor, Stefano Sola, and Fabio Vitali. “Un modello ipertestuale della legislazione”. In: *Atti del Quinto congresso internazionale sul tema “Informatica e attività giuridica”*. Roma: CED della Suprema Corte di Cassazione, 1993
137. Cesare Maioli, Giovanni Sartor, Stefano Sola, and Fabio Vitali. “L’ipertestualità nella legislazione”. In: *Atti del convegno “Verso un sistema esperto giuridico globale”*. Firenze: IDG, 1993
138. Carlo Biagioli and Sartor. “Regole e atti linguistici nel discorso normativo. Studi per un modello informatico-giuridico”. In: *Nuovi modelli formali del diritto. Il ragionamento giuridico nell’informatica e nell’intelligenza artificiale*. Milano: CLUESP, 1993
139. Robert Alexy. “L’argomentazione giuridica come discorso razionale (Juristische Argumentation als rationaler Diskurs)”. In: *Informatica e diritto* (1993). (Translation by Giovanni Sartor.) Pp. 5–20
140. Giovanni Sartor. “Il ragionamento non monotono nel diritto”. In: *Nuovi modelli formali del diritto. Il ragionamento giuridico nell’informatica e nell’intelligenza artificiale*. Milan: Cuesp, 1993
141. Giovanni Sartor. “Defeasible Arguments in a Logical Programming Model”. In: *Atti dell’ottavo convegno sulla programmazione logica (GULP 1993)*. Rende, Cosenza: Mediterranean Press, 1993
142. Giovanni Sartor. “Defeasible Legal Reasoning”. In: *Atti del convegno “Verso un sistema esperto giuridico globale”*. Florence: IDG, 1993
143. Giovanni Sartor. “Atti linguistici e tipologia degli atti normativi. Sezione seconda di Regole e atti linguistici nel discorso normativo. Studi per un modello informatico-giuridico”. In: *Nuovi modelli formali del diritto. Il ragionamento giuridico nell’informatica e nell’intelligenza artificiale*. Milan: Cuesp, 1993
144. Giovanni Sartor. “A Simple Computational Model for Nonmonotonic and Adversarial Legal Reasoning”. In: *Proceedings of the the Fourth International Conference on Artificial Intelligence and Law (ICAIL 1993)*. New York, N. Y.: ACM, 1993, pp. 192–201
145. Antonino Gustapane, Giovanni Sartor, and Carlo Maria Verardi. “Appendice normativa”. In: *La valutazione di impatto ambientale. Profili normativi e metodologie informatiche*. Milan: Giuffrè, 1992
146. Giovanni Sartor. *Un ambiente per la redazione di testi legislativi*. IDG. Florence 1992
147. Giovanni Sartor. “Reasoning from Inconsistent Premises (Abstract)”. In: *Logic Programming for AI. First Compulog-net Workshop*. London: Imperial College, 1992, pp. 23–4
148. Giovanni Sartor. “Metodologie informatiche”. In: *La valutazione di impatto ambientale. Profili normativi e metodologie informatiche*. Ed. by Antonino Gustapane and Carlo Maria Sartor Giovanni Verardi. Milan: Giuffrè, 1992, pp. 259–373
149. Giovanni Sartor. *Defeasible Arguments from Inconsistent Knowledge Bases: A Logic Programming Approach*. Technical Report CIOC - 90. Bologna 1992
150. Pascale Berteloot and Giovanni Sartor. “Legal Terminology and Multilingual Documentation at the European Court of Justice”. In: *Law and Computers. Selected Papers from the 4th International Conference of the Italian Corte Suprema di Cassazione*. Ed. by Vittorio Novelli. Vol. 1, Legal Informatics. Milan: Giuffrè, 1991, pp. 209–12

151. Giovanni Dallara, Carlo Gattei, and Giovanni Sartor. “An Application of the Expert System Shell Skilagi to the Study Benefits Regulation of Bologna University”. In: *Proceedings of the Third International Conference on Artificial Intelligence and Law (ICAIL 1993)*. Milan: ACM, 1991, pp. 155–64
152. Giovanni Sartor. “The Structure of Legal Norms and Nonmonotonic Reasoning in Law”. In: *Proceedings of the Third International Conference on Artificial Intelligence and Law (ICAIL 1991)*. New York, N. Y.: ACM, 1991, pp. 155–64
153. Giovanni Sartor. “: I. D’Elia and C. Ciampi, 1987, L’informatica nella pubblica amministrazione”. In: *Informatica e diritto* 13.3 (1987), pp. 187–9
154. Giovanni Sartor. “L’uso della programmazione logica nel progetto IRI-Irnerio regioni italiane: il sistema APES e il suo superamento”. In: *Intelligenza artificiale e diritto dell’ambiente: una sperimentazione*. Ed. by Enrico Pattaro. Bologna: Consiglio regionale dell’Emilia-Romagna, 1991, pp. 439–56
155. Giovanni Sartor. “Inconsistency and Legal Reasoning”. In: *Legal Knowledge Based Systems. Model-based Legal Reasoning*. Ed. by R.V. De Mulder and Jaap C. Hage. Lelystad: Koninklijke Verwalde, 1991, pp. 92–112
156. Giovanni Sartor. “Dalla normalizzazione di Allen alla normalizzazione con IRINORM, un prototipo realizzato nel quadro del progetto IRI-Irnerio Regioni Italiane”. In: *Intelligenza artificiale e diritto dell’ambiente: una sperimentazione*. Ed. by Enrico Pattaro. Bologna: Consiglio regionale dell’Emilia-Romagna, 1991, pp. 357–94
157. Giovanni Sartor. “Application of Artificial Intelligence to Law: the Project IRI (Irnerio Regioni Italiane)”. In: *and Computers. Selected Papers from the 4th International Conference of the Italian Corte Suprema di Cassazione*. Vol. 1, Legal Informatics. Milan: Giuffrè, 1991, pp. 543–618
158. Enrico Pattaro, Giorgio Casadei, and Giovanni Sartor. “An Expert System in Environmental Law (IRI Project)”. In: *Atti del congresso Expert Systems in Law: An International Conference in Law and Artificial Intelligence, Bologna, 3-5 maggio 1989*. Bologna: CIRSFID, 1989, pp. 1–11
159. Giovanni Sartor. “A System to Draft Normalized Texts and Generate Knowledge Bases in Predicate Logic”. In: *Atti del congresso Expert Systems in Law: An International Conference in Law and Artificial Intelligence, Bologna, 3-5 maggio*. Bologna: CIRSFID, 1989
160. Costantino Ciampi and Giovanni Sartor. “Thesaurus di descrittori per la legge sul condono edilizio”. In: *Thesaurus del linguaggio legislativo*. Palermo: ISAS, 1986, pp. 1–22
161. Giovanni Sartor. “Una formalizzazione dei concetti giuridici hohfeldiani”. In: *Thesaurus del linguaggio legislativo*. ISAS, 1986, pp. 39–59
162. Giovanni Sartor. “L’analisi dei testi normativi e l’impiego del programma Labeo”. In: *La redazione dei testi legislativi: tecniche e strumenti nuovi*. Palermo: ISAS, 1986, pp. 27–60

### 3.6 Working papers (download from SSRN)

163. Henry Prakken and Giovanni Sartor. *More on Presumptions and Burdens of Proof*. Law Working Papers. Florence: EUI, 2008
164. Regis Riveret, Nino Rotolo, Giovanni Sartor, Henry Prakken, and Bram Roth. *Success Chances in Argument Games: A Probabilistic Approach to Legal Disputes*. Law Working Papers. Florence: EUI, 2007
165. Giovanni Sartor. *A Teleological Approach to Legal Dialogues*. Working Paper. Florence: European University Institute, 2007
166. Giovanni Sartor. *The Nature of Legal Concepts: Inferential Nodes or Ontological Categories?* Law Working Papers. Florence: EUI, 2007
167. Giovanni Sartor. *Legal Validity: An Inferential Analysis*. Working Paper. Florence: European University Institute, 2007
168. Giovanni Sartor. *Formalising Arguments about the Burden of Persuasion*. Working Paper. Florence: European University Institute, 2007
169. Giovanni Sartor. *Validity As Bindingness: The Normativity of Legality*. Working Paper. Florence: European University Institute, 2006

170. Giovanni Sartor. *Source Norms and Self-Regulated Institutions*. Working Paper. Florence: European University Institute, 2006
171. Giovanni Sartor. *Syllogism and Defeasibility: A Comment on Neil MacCormick's Rhetoric and the Rule of Law*. Working Paper. Florence: European University Institute, 2006
172. Giovanni Sartor. *Privacy, Reputation, and Trust: Some Implications for Data Protection*. Working Paper. Florence: European University Institute, 2006
173. Giovanni Sartor. *Presumptions and Burdens of Proof*. Working Paper. Florence: European University Institute, 2006
174. Giovanni Sartor. *Legal Concepts: An Inferential Approach*. Working Paper. Florence: European University Institute, 2006
175. Giovanni Sartor. *Fundamental Legal Concepts: A Formal and Teleological Characterisation*. Working Paper. Florence: European University Institute, 2006
176. Giovanni Sartor. *Cognitive automata and the law*. Working Paper. Florence: European University Institute, 2007
177. Giovanni Sartor. *L'accesso al codice sorgente: Alcune considerazioni su libertà, conoscenza e concorrenza in margine al caso Microsoft*. Working Paper. Florence: European University Institute, 2007