



## APPENDIX A

### - List of preferential Topics

1. "Deontic logic for reasoning about machine ethics"
2. "Legal document, knowledge and rules modeling with XML standards"
3. "Robotic, ethical issues and IPR aspects"
4. "Online security and civil rights: A fair legal balance"
5. "Cell Stem, IPR and ethical issues"
6. "Biobank and open data: privacy issues in the knowledge society"
7. "eDiscovery and data mining techniques for legal domain"
8. "Legal ontologies for regulatory compliance"
9. "Human Language technologies for legal domain"
10. "ehealth applications or e-coaching in wellness. User acceptance and implementing legal and ethical requirements"

### - List of generic Research Topics

#### **Bioethics**

1. Human Rights and Ethical Principles in new and e merging technologies.
2. Doctor-patient relationships: confidentiality, informed consent, research and experimentation
3. Public Health Ethics and policymaking
4. Global Health Justice
5. Human Assisted Reproductive Technologies
6. End-of-life Decision Making: legal and ethical issues
7. Ethics and law in Genetics: genetic testing, screening, gene therapy and personalized medicine
8. Biotechnology and patent law: stem cells and gene patents
9. Biobanks, DNA and research
10. E-health and Privacy by Design
11. Private-public interactions in health care provision
12. Ethical, Legal and Social Issues in genetic counselling

#### **Legal Informatics and AI&LAW**

13. Semantic Web and Legal ontologies modelling
14. Information Retrieval and Database techniques in the Legal Domain
15. Legal document modelling and representation including Open Data, XML, and standardization
16. Computer Forensics
17. Information Systems for eJustice, eGovernment, and eLegislation
18. Computational models of legal and ethical reasoning including educational applications
19. Intelligent Information extraction and NLP of legal resources
20. e-Discovery and data mining in Legal domain
21. Formal Models of Norms and Legal Reasoning
22. Logic-based models of norms and legal knowledge (e.g. for case law)
23. Legal reasoning, including argumentation and reasoning about evidence



24. Argumentation and Argumentation systems
25. Game theory as applied to the law
26. Normative Multi-Agent Systems and e-Institutions
27. Regulatory Compliance
28. Robot and Intelligent System ethics

#### **ICT&LAW**

29. Privacy and Security with New Technology (including Biobanks, Genetic data, eHealth, identity management)
30. Cybercrime and Computer Forensics
31. Cybersecurity and cyberwarfare
32. e-Business and Consumer Law
33. e-Governance and e-Democracy social modelling
34. IPR and New Technology (Digital Right Management, nanotechnologies, open data and open source licences, creative commons, multimedia)
35. Alternative Dispute Resolution and On-line Dispute Resolution
36. Cloud computing modelling and regulation
37. A Comparative Perspective on ICT Law
38. Constitutional crowd sourcing
39. Management of Geopolitical Social Crises
40. Regulation of Robotics and Related Ethical Issues
41. Contracts and ICT
42. Protection of children online
43. Technology regulation: fundamental issues