JOINT INTERNATIONAL DOCTORAL (PH.D.) DEGREE in
LAW, SCIENCE AND TECHNOLOGY

Università di Torino
Università di Torino

• 2 departments involved:
  – Computer science department
  – Law department
Computer science department

– AI:
  • Guido Boella
  • Matteo Baldoni
  • Leonardo Lesmo

– But also
  • Security
  • Social network analysis
  • Data mining
Law department

• Eu comparative law:
  – Gianmaria Ajani
  – Michele Graziadei
  – Domenico Francavilla

• Philosophy of law:
  – Ugo Pagallo
  – Massimo Durante
Topics in Computer Science

• Normative multiagent systems
• Argumentation
• Legal informatics:
  – Legal ontologies
  – Compliance
• Natural language processing:
  – E-discovery
  – Information retrieval
  – Classification
Topics in Law

• Comparative analysis:
  – IPR, consumer protection,…
  – Right to be informed concerning new technologies (e.g. in medicine)

• Privacy by design

• Legal challenges of robotics
Courses offered (preliminary)

• 8 April – 17 May:
  – Legal informatics
  – Principles of computer science

• 20 May – 29 September
  – Privacy and Data Protection
  – AI&Law
Legal informatics

- The Onlife Manifesto: An EU Project
- Governing the Information Society
- AI & the Semantic Web
- Online Trust
- The Challenges of Robotics
- E-Democracy and the Law
Principles of computer science

• Introductory course to computer science’s basic concepts
Privacy and Data Protection

- Informational Privacy
- Privacy by Design
- Data Protection and Autonomic Computing
- Big Data
- The New EU Regulation: A Right to Be Forgotten?
- Open Data and Data Protection
AI&Law (advanced)

- Introduction to ontologies
- Legal ontologies
- Introduction to human language technologies