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

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**Università di Torino**



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# Università di Torino

- 2 departments involved:
  - Computer science department
  - Law department



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# 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



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# 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



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# Principles of computer science

- Introductory course to computer science's basic concepts



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# 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



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