

Meritzell Fernández Barrera

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Curriculum Vitae

University Education

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| September 2006-currently | PhD student at the European University Institute in Florence – EUI-.Currently supported by a doctoral grant awarded by the EUI. Doctoral Research topic: ICT and law: legal knowledge in the Semantic Web. |
| 2005- 2008 | Postgraduate Degree in Cognitive Science and Linguistics. (Autonomous University of Barcelona) |
| 2006- 2007 | Master of Research in Law (EUI) |
| 2005- 2006 | Postgraduate degree in Public Law: <i>The transformation of the rule of law from the point of view of legal philosophy, constitutional law and criminal law.</i> (Autonomous University of Barcelona) |
| 2001-2005 | Degree in Law with Distinction. Autonomous University of Barcelona. |

Research activities and professional experience

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| 2009 (Sept.) | Tutor at the Legislative XML Summer School 2009: “Managing legal resources in the Semantic Web” (EUI Florence). [Tutor at hands-on session on legal ontology design; Lecture on History and state of the art of legal ontologies]. |
| 2009 (May) | Visiting researcher at the Laboratory of Applied Ontology (LOA-CNR), Trento- Italy. |
| 2008-2009 | Researcher collaborating with the University of Bologna in a project funded by the Interamerican Development Bank for providing formation on the use of XML and legal drafting standards to the Parliaments of Uruguay: - Participation in project meetings with representatives of Uruguayan Senate and Departmental Boards of Montevideo and Maldonado (Uruguay, October 2008) - Participation in project meetings at the University of Bologna, European University Institute (Florence), Senate and Parliament (Rome) and Global ICT Center (Rome) with a visiting delegation of the Uruguayan Senate - Preparation of didactic materials for the course on XML and legal drafting standards to take place during 2009 in Montevideo |
| 2008-2009 | Researcher at the CASELEX Project: translation of a legal thesaurus, financed by the European Commission in the context of the eContent programme. |
| 2007-2008 | Research assistant at the European University Institute , in the framework of the SEAL project, financed under the e-participation programme of the European Union. |
| 2006- 2007 | Research assistant at the European University Institute , in the framework of the DALOS project (Drafting Legislation with Ontology-based support), financed under the e-Participation programme of the European Union. |

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| September 2005-presently | Researcher at the Institute of Law and Technology (Law Faculty, Autonomous University of Barcelona). http://idt.uab.es/ |
| 2006- presently | Co-organizer of the INFOSOC (Information Society) Working Group at the European University Institute. http://www.iue.it/LAW/InfosocWorkingGroup.shtml Member of the program committee of “The Future Of... Conference on Law and Technology”, held at the EUI (Florence), 28 th -29 th Oct.08 |
| 2005-2006 | Research assistant in the SEKT Project (Semantically Enabled Knowledge Technologies) |
| July-August 2003 and 2004 | Administrative assistant at CAM bank (<i>Caja de Ahorros del Mediterráneo</i> , Avenida Pau Clarís, 8, La Seu d’Urgell (Lleida) Spain) |

Complementary formation

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| 5 th -11 th July 2009 | Seventh European School on Ontological Engineering and the Semantic Web (SSSW-2009) [including the successful completion of a project on a topic related to the Semantic Web]. Cercedilla, Madrid (Spain). |
| May 2009 | Foundations of Conceptual Modelling and Ontological Analysis, Prof. Nicola Guarino and Prof. John Mylopoulos, Dipartimento di Ingegneria e Scienza dell’informazione, University of Trento (Italy) |
| September 2008 | Teaching Training Certificate . European University Institute, Florence (Italy). |
| 15-19 September 2008 | International Summer School in Forensic Linguistics Analysis , Aston University, Birmingham (UK). |
| 8-13 September 2008 | Legislative XML Summer School 2008. European University Institute, Florence (Italy) |
| 10-15 September 2007 | Legislative XML Summer School 2007. European University Institute, Florence (Italy). |

Publications

Roberta Ferrario, Nicola Guarino, Meritxell Fernández-Barrera (forthcoming- 2010). “**Towards an Ontological Foundation for Services Science: the Legal Perspective**”. Proceedings of the workshop on Approaches to Legal Ontologies, Jurix 2008, Florence.

Giovanni Sartor, Meritxell Fernández-Barrera (forthcoming- 2010). “**Classifications and the law: doctrinal classifications vs. computational ontologies**”. Proceedings of the workshop on Approaches to Legal Ontologies, Jurix 2008, Florence.

Tommaso Agnoloni, Meritxell Fernández-Barrera, Maria Teresa Sagri, Daniela Tiscornia and Giulia Venturi. (2009) “**When a FrameNet-style knowledge description meets an ontological characterization of Fundamental Legal Concepts**”. Jurix 2009, Rotterdam.

Meritxell Fernández-Barrera, Norberto Nuno Gomes de Andrade, Primavera De Filippi, Mario Viola de Azevedo Cunha (2009). “**Introduction: Looking into the future**”. *The Future Of Law and Technology*. European Press Academic Publishing, Florence, p. 11 ff.

Edited books

Meritxell Fernández-Barrera, Norberto Nuno Gomes de Andrade, Primavera De Filippi, Mario Viola de Azevedo Cunha, Giovanni Sartor, Pompeu Casanovas (Eds.) (2009) *The Future Of Law and Technology*. European Press Academic Publishing, Florence.

Pompeu Casanovas, Giovanni Sartor, Mariangela Biasiotti, Meritxell Fernández-Barrera (Eds.) (forthcoming- 2010). *Approaches to Legal Ontologies*.

Talks at workshops

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| 24 th October 2009 | “Legal Ontologies. Historical origins and state of the art”, at the <i>Seminar on Product Liability</i> , organized by University of Piemonte Orientale and the British Institute of International and Comparative Law; Turin. |
| 10 th September 2009 | “History and state of the art of legal ontologies”, at the Legislative XML Summer School 2009. |

- 5th June 2009. “Legal ontologies: approaches to legal knowledge - linguistics, history, logics, pragmatics” at the *Doctoral Workshop on Law and Technology*, European University Institute, Florence, (Italy).
- 8th June 2009. “Enriching thesauri with ontological information: Eurovoc thesaurus and DALOS domain ontology of consumer law”, at the *Workshop on Legal Ontologies and Artificial Intelligence Techniques*, Barcelona.
- 28th april 2009. “The intellectual capital of doctrinal legal classifications”, invited speaker at the *Laboratory of Applied Ontology*, ISTC-CNR, Trento (Italy).
- 9th December 2008 “The legal theory perspective”, at the JURIX workshop: *Approaches to Legal Ontologies*. European University Institute, Florence, (Italy) [**forthcoming paper**]
- 21st Nov.2007 “Legal Ontologies” , at the Infosoc Working Group- European University Institute, Florence, (Italy).
- 28th March 2007. “Legal Ontologies. A research framework”, at the Infosoc Working Group- European University Institute, Florence, (Italy).

Research Skills and interests

Current research: Currently working on Semantic Web technologies for the legal domain. Research on ontological representation of legal knowledge, and more concretely on the peculiarities of legal knowledge for its computational representation.

Related areas of interest:

Legal Information Management, Artificial Intelligence and Law, Law and the Semantic Web, Legal Knowledge Representation, Sociology of Law, Legal Anthropology, Legal Language, Law and Cognition, Sociolinguistics, regulation of minority languages, Cognitive Science, Linguistics, Philosophy of Language, Legal Theory, Legal Philosophy.

Awards

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| 2009-2010 | 4th year Doctoral grant awarded by the European University Institute (Florence) |
| 2008 | Mobility grant awarded by the European University Institute to attend ICAIL (International Conference on Artificial Intelligence and Law) at the UAB, Barcelona. |
| 2008-2009 | 3rd year Doctoral grant awarded by the Spanish Ministry of Foreign affairs |
| 2007 | Mobility grant awarded by the European University Institute to attend the International Summer School in Forensic Linguistics Analysis, Aston University , Birmingham (UK). |
| 2007-2008 | 2nd year Doctoral grant awarded by the Spanish Ministry of Foreign affairs |
| 2007 | Mobility grant awarded by the European University Institute to attend ICAIL (International Conference on Artificial Intelligence and Law) at Stanford University, USA. |
| 2006-2007 | 1st year Doctoral grant awarded by the Spanish Ministry of Foreign affairs |
| 2006 | Doctoral grant awarded by the Government of Catalunya Doctoral grant awarded by the Spanish Ministry of Education (MECD) |

Other merits

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| 2009 | Special mention for the mini-project “S-Watermelon. A Semantic Second Life”, developed with a team of 5 members, at the Seventh European School on Ontological Engineering and the Semantic Web (SSSW-2009) |
| 2006 | Special mention awarded by the Ministry of Education (MECD) at the National Graduate Awards 2004- 2005 |
| 2005 | Law Degree with Distinction awarded by the Autonomous University of Barcelona |

2001 **Special mention at the University Entrance Examination**, awarded by the Government of Catalunya

2001 Special mention High School Diploma, awarded by the Government of Catalunya

Languages

English: Advanced Level (C2)

Italian: Advanced Level (C2)

French: Intermediate Level (B2-C1)

German: Intermediate Level (B2)

Portuguese: Beginners Level (B1-B2)

Provençal: Beginners Level (B1)

Spanish: Mother tongue

Catalan: Mother tongue

Computer skills

Microsoft Office: Word, Excel, Power Point, etc

Knowledge representation software: Protégé (basic knowledge)