PERSONAL INFORMATION

Guido Boella

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PROFESSIONAL EXPERIENCE

2021 – ongoing	**Vice Rector of University of Torino for relations with companies**
2020 – 2020	**Member of expert committee of Ministry of University and Research for writing the National Research Programme 2021-2027 on Artificial Intelligence**
2019 – ongoing	**Vice-president of the Competence Industry Manufacturing CIM4.0, in the national network of industry 4.0 competence centres.**
2018 – 2021	**Director of Computer Science Department, University of Torino and member of Academic Senate**
2016 – ongoing	**Full Professor at Computer Science Department (University of Torino)**

Scientific activity in the research group Social Computing following different topics: AI, ontologies and natural language processing related to legal informatics, geo-informatics and blockchain

Also teaching at the Law Department of University of Torino, courses on Legal Informatics

2016-2018	**Member of Commission for the National Scientific Qualification (ASN), sector INF/01**
2006-2016	**Associated Professor Computer Science Department (University of Torino)**
2011	Teaching activity: responsible for the courses "Architettura degli Elaboratori I", "Programmazione I", and degree course in Cognitive Science.
2010	Vice-Director and co-author of the project **Erasmus Mundus Joint Doctorate** (2011) LAST-JD in **Law, Science and Technology** coordinated by University of Bologna with University of Luxemburg, Universitad Autonoma de Barcelona, financing 5 years, budget di **4m €**.
2006-2018	Creator of Nomotika, Spinoff of Torino University, related legal informatics and normative compliance processes for enterprises and public administration.
2009-2010	Visiting professor at the research team Individual and Collective Reasoning from Computer Science and Communication Department, University of Luxemburg.

Institutional Positions

Member of Executive Committee for the Italian Association for Artificial Intelligence.

Member of Commission for entrance exam to Ph.D in Legal Informatics and IT law, University of Bologna.

Member of Steering Committee Ph.D in Cognitive Science at the School Doctorate in Neuroscience, University of Torino.

Member of Committee for final Ph.D exams for Legal Informatics and IT law, University of Bologna.

Member of Job Placement Commission, Faculty of MM.FF.NN Science, University of Torino.

Member of Comparative evaluation procedure Commission for a researcher position, University of Milano.

Member of Comparative evaluation procedure Commission for two researcher positions, University of Bari.

Coordinator and Member of Scientific Committee for the specialization course in Web Master, organized by the consortium COREP, University and Polytechnic of Torino.

2004-2008	**Researcher Computer Science Department (University of Torino)**
	Research activity related programming languages object oriented and multi-agent systems.
1999-2006	Member of Commission for entrance exam to Ph.D in Cognitive Science, University of Torino.
	Teaching activity at the Faculty of MM.FF.NN. Science, University of Torino.
2003-2004	Doctoral course "Semantic Web at the International Doctoral School ", Aussois (France).
	Course "Programming" at the first level Master in BioInformatics, Faculty of MM.FF.NN. Science, University of Torino.

EDUCATION

1995-1999	**Research Ph.D in Computer Science (University of Torino)** Dissertation title: Cooperation among economically rational agents
1995	**Degree in Philosophy, specialization in "Computer Philosophy" (University of Torino)** Dissertation: "Planning and linguistic acts", 110/110 cum laude

PERSONAL COMPETENCE

Mother tongue   Italian

Other languages

COMPRENSIONE		PARLATO		PRODUZIONE SCRITTA
Ascolto	Lettura	Interazione	Produzione orale	
Proficient	Proficient	Proficient	Proficient	Proficient

(English)

He has a C1 Level in English witnessed by its over 300 articles in English, teaching in English, years of coordination
of EU projects

Further professional competence

Author of different softwares (powerJava, powerJade, Legal taxonomy syllabus, Eunomos, FirstLife, CommonsHood).

Coordinator and Manager of different workshops, seminars and projects.

Co-founder of the research area Multi-Agent Normative Systems (**NorMAS**) and of the Digital Territories and Communities. Creator of the social civic network FirstLife and the wallet app CommonsHood, and UTBI research group on blockchain technologies for common good.

Co-founder of the **Italian Society for the Ethics of AI** (SIpEIA).

FURTHER INFORMATION

Research Groupslaw   He leads an interdisciplinary research group with 2 Associate professors, 1 researcher and 30 among Ph.D students, postdoc and scholarship researchers.

Pubblications   More than 300 pubblications including:

- Robert Muthuri, Sara Capecchi, Emilio Sulis, Ilaria Angela Amantea, Guido Boella:
Integrating value modeling and legal risk management: an IT case study. Inf. Syst. and Bus. Manag. 20(1): 27-55 (2022)

- Llio Humphreys, Guido Boella, Leendert van der Torre, Livio Robaldo, Luigi Di Caro, Sepideh Ghanavati, Robert Muthuri: **Populating legal ontologies using semantic role labeling**. Artif. Intell.

Law 29(2): 171-211 (2021)

- Emilio Sulis, Pietro Terna, Antonio Di Leva, Guido Boella, Adriana Boccuzzi:
Agent-oriented Decision Support System for Business Processes Management with Genetic Algorithm Optimization: an Application in Healthcare. J. Medical Syst. 44(9): 157 (2020)

- Amon Rapp, Federica Cena, Claudio Schifanella, Guido Boella:
Finding a Secure Place: A Map-Based Crowdsourcing System for People With Autism. IEEE Trans. Hum. Mach. Syst. 50(5): 424-433 (2020)

- Alice Ruggeri, Luigi Di Caro, Guido Boella: **The Role of Common-Sense Knowledge in Assessing Semantic Association.** J. Data Semantics 8(1): 39-56 (2019)

- Guido Boella, Luigi Di Caro, Valentina Leone: **Semi-automtaic knowledge in a legal document management system**. Artif. Intell. Law 27(2): 227-251 (2019)

- Francesca De Filippi, Cristina Coscia, Guido Boella, Alessio Antonini, Alessia Calafiore, Anna Cantini, Roberta Guido, Carlo Emilio Salaroglio, Luigi Sanasi, Claudio Schifanella: **MiraMap: A We-Government Tool for Smart Peripheries in Smart Cities.** IEEE Access 4: 3824-3843 (2016)

- Gianmaria Ajani, Guido Boella, Luigi Di Caro, Livio Robaldo, Llio Humphreys, Sabrina Praduroux, Piercarlo Rossi, Andrea Violato: **The European Taxonomy Syllabus: A multi-lingual, multi-level ontology framework to untangle the web of European legal terminology**. Applied Ontology 11(4): 325-375 (2016)

- Steve Barker, Guido Boella, Dov M. Gabbay, Valerio Genovese: **Reasoning about delegation and revocation schemes in answer set programming.** J. Log. Comput. 24(1): 89-116 (2014)

- Pietro Baroni, Guido Boella, Federico Cerutti, Massimiliano Giacomin, Leendert W. N. van der Torre, Serena Villata: **On the Input/Output behavior of argumentation frameworks.** Artificial Intelligence 217: 144-197 (2014)

Best papers	Guido Boella received awards for paper at KES-AMSTA 2007 Conference and MIWAI 2010 workshop
Projects	Author and scientific coordinator of many European projects, national and regional including:

Project Coordinator and author of the European Digital Innovation Hub **Circular Health EDIH** (2022-2025) (4m€)

Project Vice Coordinator and author of the European Digital Innovation Hub **Public Administration Intelligence EDIH** (2022-2025) (7m€)

Project Coordinator and author of the EU DUT project **Corpus** (2024-2025) (1m€)

Project Coordinator of H2020 project **CH4I** Circular Health for Industry 1m€ on financed by Compagnia di San Paolo (2020-2022) (1m€)

Project Coordinator of DGCNECT EU project **NLAB4CIT** 600k€ on blockchain (2019-2021)(1m€)

Project Coordinator of H2020 project **CO3** Co-create, co-manage and co-produce public services, 4m€ on blockchain (2019-2021)(4m€)

Responsible of local unit of the European project **100 Intelligent Cities Challenge** with Venice municipality 2020-2022

Responsible of local unit of the European project Urban Innovative Action **Co-City** (5m €) 2017-2020

Responsible of local unit of the regional project **PININ** on blockchain for traceability agriproduct and agrifood (7m€) 2019-2021

Scientific responsible of the project **Casa nel Parco** (CANP) , budget 11m€ with 25 academic and industrial parnters, Funded by Salute e Benessere Platform of Piemonte Region.

Responsible local unit of the european project **WeGovNow!** EU H2020-EURO-6 (4m€) 2016-2019 con LiquidFeedback, UCL, University of Heidelberg, Infalia, Funka.

ITxLaw (project funded by Bando di Ateneo of Università di Torino) 95,000€ 2013-2015

EUCases EUropean and National CASE Law and Legislation Linked in Open Data Stack 2013-2015 330,000€ for Torino 1,500,000€ total Call 10 FP7 SME-DCA

Vice Coordinator of the ERASMUS MUNDUS/ERASMUS+ international doctorate in Law, Science and Technologies (2012 – ongoing).

Responsible of the project **SEeS@W** financed by Piemonte Region (2014-2015), 1m€.

Responsible local unit of the European project **Librare** financed by Piemonte Region (2014-2015), 1m€.

Responsible of the project **ICT4LAW** financed by Piemonte Region (2009-2012), 5m€.

Hence he has **experience as coordinator of 6 years related to the subjects such as social innovation and social economy.**

Editorial boards and Programme committee	Member of editorial board for two journal indexed ISI (Applied Ontology e Journal of IGPL) and Scientific Advisory Board for Springer book Series. He is part of programme committee for main conferences in his field (IJCAI, AAMAS).
Indexes	7400 citations on google scholar, H-index 45
Personal Data	In compliance with the GDPR and Italian Legislative Decree no. 196 dated 30/06/2003, I hereby authorize the recipient of this document to use and process my personal details for the purpose of recruiting and selecting staff and I confirm to be informed of my rights in accordance to art. 7 of the above mentioned Decree. .

"*Autorizzo il trattamento dei miei dati personali ai sensi del Regolamento UE 2016/679 sul trattamento dei dati personali e del precedente d.lgs. 196/03*".

25/10/2023