

CURRICULUM VITAE

Full Name: Mariaceleste Musicco

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Current Position

PhD candidate Law, Science and Technology, 41° cycle

November 2025 – Present

CIRSFID, ALMA AI, University of Bologna

Project: “AI for classification and explanation of data protection violation”

Supervisor: Prof. Francesca Lagioia

Tutor

October 2024 – Present

Courses: “Ethics in Artificial Intelligence” under the supervision of Prof. Francesca Lagioia and “Legal Informatics” under the supervision of Prof. Giovanni Sartor |

Department of Legal Studies, University of Bologna| Main

Activity: Exam committee member.

Relevant Work Experience (last 5 years)

Research fellow

February 2024 – November 2025

CIRSFID-SG, University of Bologna

PRIMA project (PRivacy Infringements Machine-Advice) Main

Activities: Development of [PRIMA dataset](#) of Privacy

Policies; Design and deployment of a text annotation methodology and guidelines; Supervision of annotator for the development of the Italian language dataset; Collaboration with Department of Computer Science and Engineering (DISI) for the Error Analysis of tagged documents.

Data Protection Consultant (Independent)

10.2023 – 01.2024

Main Activities: GDPR-Compliance Assessment of SMEs and associations.

Trainee Lawyer

11.2022 – 09.2023

Studio Legale Calorio, Torino (Italy)

Specialized in Data protection

Main Activities: GDPR-Compliance Assessment and Audit; Data Protection Policy Development; Conducting DPIA;

Developing breach response plans; Advising on Whistleblowing disposal practices; Assistance of DPO activities.

Trainee Lawyer

10.2021 – 11.2022

Studio Legale Ferreri, Torino (Italy)

Specialized in Corporate law

Main Activities: Drafting for Corporate and Commercial Transactions; Litigation Support; Drafting Contracts and Agreements; Legal research.

Educational background

Master Degree in Law

2015 – 2021

received from the Faculty of Law, University of Bari Aldo Moro Thesis: "The incorporation online of LTD: Directive (EU) 2019/1151" Grade: 110 cum laude

Advanced courses

Summer School on “Law and Logic”

1- 6 July 2024

jointly hosted by the European University Institute (Florence, Italy) and the Harvard Law School (Cambridge, Mass., U.S.A.)| In Person

Course Topics: propositional logic, predicate logic, deontic logic, argumentation, and case-based reasoning

Summer School on “Artificial Intelligence and Law”

8 - 12 July 2024

jointly hosted by the European University Institute (Florence, Italy) and the University of Pittsburgh School of Law (U.S.A.)| In Person

Main Topics: expert systems, argumentation, machine learning, legal forecasting, large language models, natural language processing for law, regulation of legal AI, and AI and law in practice.

“Maestro della Protezione dei Dati and Data Protection Design”

10/2023 – 08/2024

Advanced course organized by Italian Institute of Privacy (IIP) and sponsored by Italian Data Protection Authority| Online | Period: 160 h

Main Topics: GDPR compliance in the processing of personal data in the private and public sectors.

Master Privacy Expert

09/2023 – 10/2023

IPSOA Wolter Kluwer Advance school Recognised by TUV ITALIA Online | Period: 50 h

Main Topics: GDPR compliance assessment for SMEs

Publications

1. G. Grundler, R. Liepina, M. Musicco, F. Lagioia, A. Galassi, G. Sartor, P. Torroni; *Detecting Vague Clauses in Privacy Policies: The Analysis of Data Categories Using BERT Models and LLMs* (2024) In International Conference Legal Knowledge and Information Systems (JURIX), IOS Press; Brno, Czech Republic, [conference proceedings]
2. R. Liepiņa, F. Galloni, F. Lagioia, M. Lippi, M. Musicco, B. Günel, A. Passerini, G. Sartor; *Legal Argument Mining: Recent Trends and Open Challenges* (2025) in Argument Mining and Empirical Legal Research (AMELR) Workshop at International Conference on Artificial Intelligence and Law (ICAIL) [Accepted, Forthcoming] [conference proceedings]
3. G. Grundler, M. Musicco, A. Galassi, F. Lagioia, R. Liepiņa, G. Resta, S. Roccu, G. Sartor and P. Torroni; *Detecting Vague Clauses in Italian Privacy Policies using Transformers, LLMs, and Cross-Lingual Techniques* (2025) In International Conference European Conference on Artificial Intelligence (ECAI), Bologna, October 25-30 2025. [conference proceedings]

Awards

The Honourable Mention in the Best Paper Award Category| Paper: “*Detecting Vague Clauses in Privacy Policies: The Analysis of Data Categories Using BERT Models and LLMs*” (with G. Grundler, R. Liepina, M. Musicco, F. Lagioia, A. Galassi, G. Sartor, P. Torroni) | JURIX 2024 Conference, Brno, Czechia.

Research Projects

Scientific member of the PRIMA project (PRivacy Infringements Machine-Advice) – Progetti Di Ricerca Di Rilevante Interesse Nazionale (PRIN) 2022| Research Units: ALMA - University of Bologna (Italy); Politecnico di Torino (Italy); University of Study RomaTre (Italy); PI: Prof. Giovanni Sartor | Substitute PI: Prof. Giorgio Resta and Prof. Mantelero| Topics: Interdisciplinary research on methods and techniques for automated analysis and assessment of privacy policies and the implementation of a prototype for assessing their lawfulness.

Participation in scientific conferences

Presentation Title: *Detecting Vague Clauses in Privacy Policies: The Analysis of Data Categories Using BERT Models and LLMs*| In the 37th International Conference on Legal Knowledge and Information Systems (JURIX)| Organized by: Institute of Law and Technology (Faculty of Law), Masaryk University, Brno, Czech Republic| 11-13/12/2024.

Presentation Title: *Detecting Vague Clauses in Italian Privacy Policies using Transformers, LLMs, and Cross-Lingual Techniques* (2025) | In International Conference European Conference on Artificial Intelligence (ECAI) | Bologna, Italy | 25-30/10/ 2025

Languages: English (B2); Italian (Native)