

Federico Galli

Junior Assistant Professor in Legal informatics and Computer Law

November 1, 2023

1 Personal information

Date of Birth
Place of Birth
Nationality
Phone
Mail
Website

2 Current position

Researcher at the Department of Legal Sciences, University of Bologna. Member of the CIRSFD-ALMA Mater Research Institute for Human-Centered Artificial Intelligence (CIRSFD-ALMA AI)

Lecturer in Legal Informatics and Coding for Lawyers, Degree Course in Law, and Master's Degree Course in Legal Studies, at the Department of Legal Sciences, University of Bologna.

Adjunct Professor in Data Protection Law at the Department of Law, University of Urbino Carlo Bo.

Contract Researcher in Law at European University Institute

3 Education

Nov 2017-Dec 2020	PhD in Law, Science and Technology <i>cum laude</i> , University of Bologna (Italy)
Mar 2020	Course on Good Scientific Practices, University of Luxembourg (Luxembourg)
Jul 2019	Summer School on AI and Law, European University Institute (Italy)
Jul 2019	Summer School on Law and Logic, European University Institute (Italy)
Apr 2019-Jun 2019	Visiting PhD Student at the Law Department of the European University Institute (Florence)
Jan 2019	Winter School on Ethics of Autonomous Vehicles, University of Luxembourg (Luxembourg)

Nov 2018-Mar 2019	Visiting PhD Student at the Computer Science Department of the University of Luxembourg (Luxembourg)
Sep 2012-Sep 2017	Degree in Law <i>cum laude</i> , University of Bologna (Italy)

4 Language

Italian	Mother tongue	German	B1
English	IELTS, 7.5	Spanish	B1

5 Technical Skills

Operating Systems	Windows, Linux, Mac OSX
Other programmes	LaTeX, Microsoft Office, Open Office
Programming languages	Python, JavaScript, Prolog (basic)

6 Professional Experience

Nov 2022-now	Junior Assistant Professor in Computer Law and Legal informatics, University of Bologna
Sep 2022-now	Contract Professor in Data Protection Law, University of Urbino
Jul 2022-Oct 2022	Postdoctoral Research Fellow, University of Urbino
Feb 2022-Apr 2022	Research Associate, European University Institute (Italy)
Feb 2021-Jan 2022	Postdoctoral Research Fellow, CIRSFID-Alma AI University of Bologna

7 Teaching Experience

A.Y. 2023-2024	Lecturer in the course "Legal informatics", 30 hrs, Law Department, University of Bologna
A.Y. 2023-2024	Lecturer in the course "Coding for Lawyers", 10 hrs., Department of Legal Science, University of Bologna
Feb 2022-May 2023	Chair of "Data protection law", 60 hrs., Law Department, University of Urbino
Feb 2022-May 2023	Lecturer in the course "Coding for Lawyers", 10 hrs., Department of Legal Science, University of Bologna
2022-today	Lecturer in Master Programme "Master in Trattamento dei dati personali e Data Protection Officer", CIRSFID-ALMA AI, University of Bologna

2022-today	Lecturer in the Second Degree Master "Diritto delle nuove tecnologie e informatica giuridica", CIRSFD-ALMA AI, University of Bologna
2022-today	Lecturer in the PhD Programme "Law Science and Technology", 12 hrs., CIRSFD-ALMA AI, University of Bologna
2021-today	Lecturer in the Second Degree Master "Diritto d'impresa", LUISS University, Rome
2021-2022	Lecturer (10 hrs.) in the course "Tutela e protezione dei dati personali" (A.A. 2021/2022), Prof. Licia Califano, Law Department, University of Urbino
Mar 2021	Lecturer (2 hrs.) in the course "Diritto del lavoro dei mercati digitali" (A.A. 2020/2021), Prof. Annamaria Donini, University of Genoa
Nov 2020	Lecturer (2 hrs.) in the course "Law, Internet and Society" (A.A. 2020/2021), Prof. Giuseppe Contissa, Legal Science Department, University of Bologna
Oct 2019	Lecturer (2 hrs.) in the course "Law, Internet and Society" (A.A. 2019/2020), Prof. Giuseppe Contissa, Legal Science Department, University of Bologna

8 Research areas

Legal Informatics and Information Technology Law, in particular protection of personal data, intellectual property rights and protection of digital content, liability of service providers and internet platforms, e-commerce and consumer protection.

Law and technology, in particular legal issues of artificial intelligence, in particular the impact of AI on fundamental rights, democracy, transparency and accountability.

Artificial intelligence and law, automated analysis of legal texts, modelling and automatic extraction of legal arguments, predictive justice applications.

9 Research Projects

Jan 2024-now	Scientific contribution in the project <i>DAFNE: Democratic governance of Automates systems for Fake NEws detection</i> , PI: Licia Califano, Funded by Italian PRIN 2022 PNRR programme () , finanziato da Programme PRIN 2022 PNRR (GA.)
Jan 2024-now	Scientific contribution in the EU Project <i>POLINE: Principles Of Law In National and European VAT case law</i> , PI: Giovanni Sartor, Funded by EU Justice Project (GA.) , finanziato da Programme UE Justice (GA.)
Sep 2023-now	Scientific contribution in the Spanish Project <i>Bioética Cordial y Democracia Algorítmica para una Sociedad Hiperdigitalizada</i> , PI: Patrici Calvo Cabezas, Funded by Agencia Estatal de Investigación (PID2022-139000OB-C22) , finanziato da Agencia Estatal de Investigación (PID2022-139000OB-C22)

Sep 2023-now	Scientific contribution in the EU Project <i>HUCAN: Holistic Unified Certification Approach for Novel systems based on advanced automation</i> , PI: Paola Lanzi, Funded by Horizon Sesar 2022 Programme (GA 101114762) , finanziato dal Programma Sesar Horizon 2022 (GA 101114762)
Apr 2023-now	Scientific contribution in the Italian PNRR Project <i>PRO.DI.GI.T.</i> , University of Bologna, PI: Giovanni Sartor
Nov 2022-now	Scientific contribution in the ERC project <i>CompuLaw: ComputableLaw</i> , University of Bologna, PI: Giovanni Sartor
Feb 2021-now	Scientific contribution and support in scientific coordination in the Italian PRIN Project <i>LAILA: Legal Analytics for Italian LAW</i> , PI: Giovanni Sartor
Feb 2021-Jul 2023	Scientific contribution and support in scientific coordination in the EU e-Justice Project <i>ADELE: Analysis of DEcision in LEgal cases</i> , PI: Giovanni Sartor
Feb 2022-Apr 2022	Scientific support in the EU Horizon 2020 Project <i>SAFELAND: SAFE LANDing through enhanced ground support</i> , European University Institute (Florence), EUI Unit PI: Prof. Giovanni Sartor
Feb 2021-Jan 2021	Scientific support in the EU e-Justice project <i>CROSS-JUSTICE: Knowledge, Advisory and Capacity Building Information Tool for Criminal Procedural Rights in Judicial Cooperation</i> , University of Bologna, PI: Prof. Michele Caianiello
Oct 2019-Dec 2019	Scientific contribution in the EU Research Conucil Project <i>CLAUDETTE: An automated detector of unfair and unlawful clauses</i> , European University Institute (Florence), PI: Hans W. Micklitz, Giovanni Sartor

10 Talks in Conferences and Workshops

1 Dic 2023	Series of Seminar for the Master Robotics degree, Castellón de la Plana (Spain), Title of the presentation <i>The EU proposal for an AI Act: Unpacking the regulatory design</i>
14-15 Nov 2023	AI for Humanity and Society 2023 Workshops on The 'Surveillant Assemblage' In the Age of AI, Malmö (Sweden), Title of the presentation <i>Judicial Surveillance: Conceptualizing the Dynamics, Promises, and Threats</i>
18-19 Sep 2023	The use of AI systems by justice systems: potential uses, risks and challenges for fundamental rights - Organized by the High School of Judiciary, Naples, Title of the presentation: <i>The ADELE Project</i>
14 Jul 2023	Intelligenza artificiale e giustizia tributaria: stato dell'arte del progetto e declinazioni al futuro, Seconda Convention del Progetto PRO.DI.GI.T, Università di Bologna, Title of the presentation: <i>The ADELE Project</i>
19-23 June 2023	ICAIL 2023 19th International Conference on Artificial Intelligence and Law - ICAIL 2023, University of Braga (Portugal)
9 Jun 2023	ADELE Final Conference, EUI Florence
19 May 2023	32nd Ibero-American Conference on Electronic Government and Digital Inclusion, Federal University of Santa Catarina, Brazil
12 May 2023	Validation Event of the ADELE Pilot Tool, EUI, Florence
5 May 2023	Seminars "Media e democrazia", University of Rome Sapienza

17 Mar 2023	Workshop on "Società, tecnologie e diritti - Diritti, regole, internet", University of Urbino, Department of Law
3 Mar 2023	Workshop on "Società, tecnologie e diritti - Diritti, regole, internet", University of Urbino, Department of Law
2-4 Feb 2023	Final Roundtable "Consumers and SMEs in the Digital Single Market" Jean Monnet Chair, Presentation Title: <i>Consent to targeted advertising</i>
16 Dec 2022	35th International Conference on Legal Knowledge and Information Systems (JURIX), Saarbrücken (Germany) Presentation title: <i>Predicting outcomes of Italian VAT decisions</i>
1 Dec 2022	Jagiellonian's 2022 Online Seminar in Data Law, Jagiellonian University: <i>The regulatory paradigms in algorithmic marketing: are we now seeing the light?</i>
28 Sep 2022	Training Workshop on Artificial Intelligence and Law, Italian School of Magistracy, Naples (Italy) Presentation title: <i>Working Methodology of the ADELE project</i>
16-17 Jun 2022	Conference on Privacy, Data Protection and New Technologies, University of Tartu, Tallin (Estonia), Presentation title: <i>Data protection and AdTech: the enforcement challenge</i>
23 May 2022	LEXIA Kick-off Meeting, CIRSFID-AI, University of Bologna (Italy), Presentation title: <i>Developing a dataset of European and Italian case law for outcome prediction and argument mining</i>
22 Jul 2021	CIRCOLaw, Law Department, University of Bologna (Italy), Presentation title: <i>La Proposta di Regolamento UE sull'Intelligenza Artificiale: cosa resta della rivoluzione?</i>
21 Jun 2021	Doctoral Seminar in Public, International and European Union Law, Università degli Studi di Milano (Online), Presentation title: <i>Artificial intelligence and Tax law: Opportunities and challenges</i>
19-20 Sep 2019	Católica Graduate Legal Research Conference 2019, Católica University Law School, Lisbon (Portugal), Presentation title: <i>Artificial Intelligence, manipulation, and EU fair trading law</i>
23 May 2019	Doctoral Workshop on Algorithmic Governance and Governance of Algorithms, Presenting, School of Law, University of Tartu, Tartu (Estonia), Presentation title: <i>Algorithmic advertising between data protection and consumers protection law</i>
14 Feb 2019	
5-7 Dec 2017	JURIX Conference, Doctoral Consortium, University of Luxembourg (Luxembourg), Presentation title: <i>Algorithmic fairness and EU law</i>

11 Publication

Authored Books

- [1] Licia Califano, Valentina Fiorillo e Federico Galli. *La protezione dei dati personali: natura, garanzie e bilanciamento di un diritto fondamentale*. Giappichelli, 2023 (in corso di stampa). ISBN: 979-12-211-0457-8.

- [2] Federico Galli. *Algorithmic Marketing and EU Law on Unfair Commercial Practices*. Law, Governance and Technology Series. Springer, 2022. ISBN: 978-3-031-13602-3.
- [3] Giovanni Sartor, Francesca Lagioia e Federico Galli. *Regulating targeted and behavioural advertising in digital services*. European Parliament's Committee on Legal Affairs, 2021. ISBN: 978-92-846-8250-8.

Journal Articles

- [1] Federica Casarosa and Federico Galli. "Developing reliable AI tools for the judicial system". In: *Verfassungsblog* (2023).
- [2] Thiago Dal Pont, Federico Galli, Andrea Loreggia, Giuseppe Pisano, Riccardo Rovatti, and Giovanni Sartor. "L'IA generativa per la sintesi automatica dei testi giuridici: il caso del progetto Prodigit". In: *Paradoxa* 17.4 (2023).
- [3] Federico Galli. "Social scoring e tutele giuridiche: quale diritto alla spiegazione?". In: *Labour & Law Issue* 2 (2023).
- [4] Federico Galli and Giovanni Sartor. "AI Approaches to Predictive Justice: A Critical Assessment". In: *Humanities and Rights Global Network Journal* 5.2 (2023).
- [5] Thiago Dal Pont, Federico Galli, Andrea Loreggia, Giuseppe Pisano, Riccardo Rovatti, and Giovanni Sartor. *Legal Summarisation through LLMs: The PRODIGIT Project*. 2023. arXiv: 2308.04416 [cs.CL].
- [6] Alessia Fidelangeli and Federico Galli. "The Use of AI Technologies in the Tax Law Domain: An Interdisciplinary Analysis". In: *Diritto e Pratica Tributaria Internazionale* 19 (2022). Articolo in rivista, pp. 118–163. ISSN: 1826-6770.
- [7] Federico Galli. "La pubblicità mirata al tempo dell'Intelligenza artificiale: quali regole?". In: *Contratto e impresa* 3 (2022).
- [8] Federico Galli, Francesca Lagioia, and Giovanni Sartor. "Consent to Targeted Advertising". In: *European Business Law Review* 33 (2022), pp. 485–512.
- [9] Federico Galli, Andrea Loreggia, and Giovanni Sartor. "Potenzialità e limiti della moderazione algoritmica". In: *Ecoscienza* 2 (2022).
- [10] Federico Galli and Giovanni Sartor. "L'utilizzo dei big data e dell'IA per una migliore qualità della regolamentazione". In: *Osservatorio sulle Fonti* 3 (2022), pp. 341–360.
- [11] Giuseppe Contissa, Federico Galli, Francesco Godano, and Galileo Sartor. "Il Regolamento europeo sull'Intelligenza Artificiale. Analisi informatico-giuridica". In: *i-lex* 14 (2 2021), pp. 1–36.
- [12] Alessia Fidelangeli and Federico Galli. "Artificial Intelligence and Tax Law: Perspectives and Challenges". In: *CERIDAP* 4 (2021).
- [13] Federico Galli and Francesco Godano. "Il rapporto di lavoro dei riders e la natura discriminatoria delle condizioni di accesso al lavoro dell'algoritmo Frank". In: *Diritto di Internet* III.2 (2021), pp. 275–288.
- [14] Federico Galli. "AI and consumer manipulation: What is the role of EU fair marketing law?". In: *Católica Law Review* 4.2 (2020), pp. 36–64.
- [15] Federico Galli. "La nullità della clausola 'MFN' nei contratti tra agenzie di intermediazione telematiche e imprese alberghiere". In: *Le nuove leggi civili commentate* 41 (2018), pp. 1387–1425.

Book Chapters

- [1] Federico Galli and Galileo Sartor. "The mismatch between GDPR and behavioural advertising: what way forward?" In: *Privacy, Data Protection and Data-driven Technologies*. Ed. by Martin Ebers and Karin Sein. Routledge, 2023 (in corso di pubblicazione).
- [2] Federico Galli. "I diritti degli interessati". In: *La protezione dei dati personali: natura, garanzie e bilanciamento di un diritto fondamentale*. Giappichelli, 2023.
- [3] Federico Galli. "Il principio di accountability". In: *La protezione dei dati personali: natura, garanzie e bilanciamento di un diritto fondamentale*. Ed. by Licia Califano, Valentina Fiorillo, and Federico Galli. 2023, pp. 134–190.
- [4] Federico Galli, Andrea Loreggia, and Giovanni Sartor. "The regulation of content moderation". In: *The Legal Challenges of the Fourth Industrial Revolution. The European Union's Digital Strategy*. Ed. by Chen Chen, Moura Vicente, and Sofia Casimiro de Vasconcelos. Springer, 2023, pp. 63–87.
- [5] Giuseppe Contissa, Federico Galli, Francesco Godano, and Galileo Sartor. "La nuova Proposta di Regolamento europeo sull'intelligenza artificiale: questioni giuridiche e approcci regolatori". In: *Nuove questioni di Informatica forense*. Ed. by Raffaella Brighi. Aracne, 2022, pp. 387–409.
- [6] Federico Galli. "Online behavioural advertising and unfair manipulation between GDPR and UCPD". In: *Algorithmic Governance and Governance of Algorithms - Legal and Ethical Challenges*. Ed. by Martin Ebers and Cantero Marta Gamito. Springer, 2021.

Conference Proceedings

- [1] Piera Santin, Giulia Grundler, Andrea Galassi, Federico Galli, Francesca Lagioia, Elena Palmieri, Federico Ruggeri, Giovanni Sartor, and Paolo Torroni. "Argumentation Structure Prediction in CJEU Decisions Fiscal State Aids". In: *Nineteenth International Conference on Artificial Intelligence and Law (ICAIL 2023), June 19–23, 2023, Braga, Portugal*. ACM, 2023.
- [2] Federico Galli, Giulia Grundler, Alessia Fidelangeli, Andrea Galassi, Francesca Lagioia, Elena Palmieri, Federico Ruggeri, Giovanni Sartor, and Paolo Torroni. "Predicting outcomes of Italian VAT decisions". In: *Jurix 2022 (35th International Conference on Legal Knowledge and Information Systems)*. 2022, pp. 188–193.
- [3] Giulia Grundler, Piera Santin, Andrea Galassi, Federico Galli, Francesco Godano, Francesca Lagioia, Elena Palmieri, Federico Ruggeri, Giovanni Sartor, and Paolo Torroni. "Detecting Arguments in CJEU Decisions on Fiscal State Aid". In: *ArgMining 2022: 9th Workshop on Argument Mining*. 2022, pp. 143–157.
- [4] Alberto Zerbinati, Andrea Loreggia, Giuseppe Contissa, Federico Galli, Lagioia Francesca, and Giovanni Sartor. "SenTag 2.0: A Cooperative Annotation Tool". In: *Proceeding of the 21st International Semantic Web Conference*. CEUR Workshop Proceeding, 2022.

12 Editorial Experience

Apr 2023-now	Scientific reviewer for the <i>Journal of Consumer Policy</i> (ISSN 0168-7034)
Nov 2022-now	Scientific reviewer for the <i>Athena – Critical Inquiries in Law, Philosophy and Globalization</i> (ISSN 2724-6299)
Jan 2021-now	Member of the Editorial board of <i>i-lex – Journal of Law, Cognitive Science and Artificial Intelligence</i> (ISSN 1825-1927)
Mar 2021-now	Scientific reviewer for the <i>European Law Journal</i> , John Wiley & Sons Ltd (ISSN 1468-0386)

13 Other professional activities

Jan-Feb 2023	Workshop “Computer Law: towards correct IT and digital governance” at the Technical Institute “Silvano Fedi - Enrico Fermi” in Pistoia
Jan 2021-Dec 2021	Participation in the Expert Group of the EU Commission research project on a <i>Behavioural Study on Unfair Commercial Practices in the Digital Environment</i> , Consortium: Open Evidence (lead), London School of Economics, Schlesinger Group, Brainsigns