

## Pagallo's Short CV & Bibliography

A former lawyer and current professor of Jurisprudence at the Department of Law, University of Turin (Italy), he has been appointed member of the Expert Group set up by the EU Commission on liability and new technology/new technologies formation, and he's actually working with the World Health Organization (WHO) for the AI for Health (AI4H) project. In addition, he has been member of the European RPAS Steering Group on drones (2011-2012), of the Group of Experts for the Onlife Initiative set up by the European Commission (2012-2013), of the Ethical Committee of the CAPER project, supported through the Seventh Framework Programme for Research and Technological Development (2013-2014), Expert for the evaluation of proposals in the Horizon 2020 robotics program (2015), Member of the Ethical Advisory Board of the IMI European Medical Information Framework ("EMIF") Project (2015-2017), and President of the Ethical Committee of the EU-sponsored SPIRIT project (2018-2021).

Faculty Fellow at the Center for Transnational Legal Studies in London, U.K. (2020, 2017, 2013, 2008); Vice-President of the Italian Association of Legal Informatics; NEXA former Fellow and current Trustee at the Politecnico of Turin; Member of the Scientific Boards of *Infini.to* (Turin's Planetarium) and of *Scuola Studi Superiori "Ferdinando Rossi"* of Turin, he has recently been visiting professor in FGV, San Paolo, Brazil (2016); NUS, Singapore (2017); St. Gallen, Switzerland (2017); and, Georgetown, Washington D.C. (2019). He is also collaborating with the IEEE Global Initiative for Ethical Considerations in AI and Autonomous Systems; the European Science Foundation of Strasbourg, France; and the Joint International Doctoral (PhD) degree in Law, Science and Technology, part of the EU's Erasmus Mundus Joint Doctorates (EMJDs).

Author of twelve monographs and numerous essays in scholarly journals and book chapters, he is co-editor and founder of the AICOL series by Springer. In March 2018, the Japanese edition of his Springer volume on *The Laws of Robots* was presented in Tokyo. The *Research Handbook on the Law of AI* coedited with Woodrow Barfield appeared in December 2018 (Elgar publ.), whilst the *Advanced Introduction to the Law and Artificial Intelligence* in 2020. He has been invited as speaker of the most important conferences in his field, such as IJCAI (2017), ECAI (2016), ICAIL and Jurix (2015), etc.

His main interests are Artificial Intelligence (AI) & law, network theory, robotics, and information technology law (specially data protection law and copyright).

## The 2010s Work

### Monographs

- [Pagallo, Ugo \(2018\) \*The Laws of Robots. The Chinese edition.\*](#)
- [Pagallo, Ugo \(2018\) \*The Laws of Robots. The Japanese edition.\*](#)
- [Pagallo, Ugo \(2016\) \*Leibniz: Una breve biografia intellettuale, Wolters Kluwer\*](#)
- [Pagallo, Ugo \(2014\) \*Il diritto nell'età dell'informazione. Giappichelli\*](#)

- [Pagallo, Ugo \(2013\) \*The Laws of Robots: Crimes, Contracts, and Torts\*. Springer](#)

### Edited Books

- [Barfield, Woodrow and Ugo Pagallo \(2018\) \*Research Handbook on the Law of Artificial Intelligence\*. Elgar](#)
- [Pagallo, Ugo, Palmirani, Monica, Casanovas, Pompeu, Sartor, Giovanni and Serena Villata \(2018\) \*AI Approaches to the Complexity of Legal Systems\*, Springer](#)
- [Casanovas, Pompeu, Pagallo, Ugo, Palmirani, Monica and Giovanni Sartor \(2014\) \*AI Approaches to the Complexity of Legal Systems\*. Springer](#)
- [Durante, Massimo and Ugo Pagallo \(2012\) \*Manuale d'informatica giuridica e diritto delle nuove tecnologie\*. UTET](#)
- [Palmirani, Monica, Pagallo, Ugo, Casanovas, Pompeu and Giovanni Sartor \(2012\) \*AI Approaches to the Complexity of Legal Systems. Models and Ethical Challenges for Legal Systems, Legal Language and Legal Ontologies, Argumentation and Software Agents\*. Springer](#)
- [Casanovas, Pompeu, Pagallo, Ugo, Sartor, Giovanni and Gianmaria Ajani \(2010\) \*AI Approaches to the Complexity of Legal Systems. Complex Systems, the Semantic Web, Ontologies, Argumentation, and Dialogue\*. Springer](#)

### Book Chapters

- [Pagallo Ugo \(2019\) The Challenges of Digital Democracy, and How to Tackle Them in the Information Era, in D. Berkich and M. d'Alfonso M. \(eds\), \*On the Cognitive, Ethical, and Scientific Dimensions of Artificial Intelligence\*, pp. 385-393, Springer, Cham](#)
- [Pagallo, Ugo and Serena Quattrococo \(2018\) The Impact of AI on Criminal Law, and its Twofold Procedures, in W. Barfield and U. Pagallo \(eds\). \*Research Handbook on the Law of Artificial Intelligence\*, pp. 385-409, Elgar, Cheltenham](#)
- [Pagallo, Ugo, Corrales, Marcelo, Fenwick, Mark and Forgó Nikolaus \(2018\), The Rise of Robotics & AI: Technological Advances & Normative Dilemmas. In M. Corrales, M. Fenwick, and F. Nikolaus eds\), \*Robotics, AI and the Future of Law\*, pp. 1-13, Springer](#)
- [Pagallo, Ugo, Palmirani, Monica, Casanovas, Pompeu, Sartor, Giovanni and Serena Villata \(2018\) Introduction: Legal and Ethical Dimensions of AI, NorMAS, and the Web of Data. In U. Pagallo et al. \(eds.\), \*AI Approaches to the Complexity of Legal Systems\*, pp. 1-20, Springer](#)
- [Pagallo, Ugo \(2017\) The Broken Promises of Democracy in the Information Era, in C. Prins, C. Cuijpers, P. L. Lindseth and M. Rosina \(eds\). \*Digital Democracy in a Globalized World\*, pp. 77-99, Elgar, Cheltenham](#)
- [Pagallo, Ugo \(2017\) LegalAIze: Tackling the Normative Challenges of Artificial Intelligence and Robotics Through the Secondary Rules of Law, in M. Corrales, M. Fenwick and N. Forgó \(eds.\), \*New Technology, Big Data and the Law. Perspectives in Law, Business and Innovation\*, pp. 281-300, Springer, Singapore](#)
- [Pagallo, Ugo \(2017\) The Group, the Private, and the Individual: A New Level of Data Protection?, in Linnet Taylor, Luciano Floridi and Bart van der Sloot \(eds.\), \*Group Privacy: New Challenges of Data Technologies\*, pp. 159-173, Springer, Dordrecht](#)

- [Pagallo, Ugo \(2017\) AI and Bad Robots: The Criminology of Automation, pp. 643-653, in M. R. McGuire e Th. J. Holt \(eds.\), \*The Routledge Handbook of Technology, Crime and Justice\*, London & New York](#)
- [Pagallo, Ugo, Durante, Massimo and Shara Monteleone \(2017\) What Is New with the Internet of Things in Privacy and Data Protection? Four Legal Challenges on Sharing and Control in IoT, pp. 59-78, in R. Leenes, R. van Brakel, S. Gutwirth e P. de Hert \(eds.\), \*Data Protection and Privacy: \(In\)visibilities and Infrastructures\*, Springer Dordrecht](#)
- [Pagallo, Ugo \(2016\) The impact of domestic robots on privacy and data protection, and the troubles with legal regulation by design, in Serge Gutwirth, Ronald Leenes and Paul De Hert \(eds.\), \*Data Protection on the Move\*, pp. 387-410, Springer, Dordrecht](#)
- [Pagallo, Ugo and Massimo Durante \(2016\) The Philosophy of Law in an Information Society, in Luciano Floridi \(ed.\), \*The Routledge Handbook of Philosophy of Information\*, pp. 396-407, Oxon & New York](#)
- [Agnoloni, Tommaso and Ugo Pagallo \(2015\) \*The Power Laws of the Italian Constitutional Court, and Their Relevance for Legal Scholars\*, in Legal Knowledge and Information Systems - JURIX 2015: The Twenty-Eighth Annual Conference, pp. 1-10, edited by A. Rotolo, IOS Press, Amsterdam](#)
- [Pagallo, Ugo \(2015\) Good Onlife Governance: On Law, Spontaneous Orders, and Design, in \*The Onlife Manifesto: Being Human in a Hyperconnected Era\*, pp. 161-177, edited by L. Floridi, Springer, Dordrecht](#)
- [Pagallo, Ugo \(2015\) Teaching “Consumer Robots” Respect for Informational Privacy: A Legal Stance on HRI, in \*Human-Robot Interactions. Principles, Technologies and Challenges\*, pp. 35-55, edited by D. Coleman, Nova, New York](#)
- [□Pagallo, Ugo \(2014\) The Legal Roots of Social Intelligence and the Challenges of the Information Revolution, in \*AI Approaches to the Complexity of Legal Systems\*, pp. 11-25, edited by P. Casanovas et al. Springer, Dordrecht](#)
- [Pagallo, Ugo \(2014\) The Legal Challenges of the Information Revolution and the Principle of “Privacy by Design”, in \*Evolving Issues Surrounding Technoethics and Society in the Digital Age\*, pp. 128-148, edited by Rocci Luppigini, IGI, Hershey PA](#)
- [Pagallo, Ugo and Massimo Durante \(2014\) Legal Memories and the Right to Be Forgotten, in \*Protection of Information and the Right to Privacy - A New Equilibrium?\*, pp. 17-30, edited by Luciano Floridi, Springer, Dordrecht](#)
- [Pagallo, Ugo and Eleonora Bassi \(2013\) Open Data Protection: Challenges, Perspectives, and Tools for the Reuse of PSI, in \*Digital Enlightenment Yearbook 2013\*, pp. 179-189, edited by Mireille Hildebrand, Kieron O’Hara and Michael Waidner, IOS Press, Amsterdam](#)
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- [Pagallo, Ugo \(2012\) \*Three Roads to Complexity, AI and the Law of Robots: On Crimes, Contracts, and Torts\*, in \*AI Approaches to the Complexity of Legal Systems\*. Springer, pp. 48-60](#)
- [Pagallo, Ugo \(2012\) \*On the Principle of Privacy by Design and its Limits: Technology, Ethics, and the Rule of Law\*, in \*European Data Protection: In Good Health?\*, edited by Serge Gutwirth, Ronald Leenes, Paul De Hert and Yves Poulet. Springer, pp. 331-346](#)
- [Pagallo, Ugo \(2012\) Responsibility, Jurisdiction, and the Future of “Privacy by Design”, in \*Investigating Cyber Law and Cyber Ethics: Issues, Impacts and\*](#)

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- [Pagallo, Ugo \(2010\) As Law Goes By: Topology, Ontology, Evolution](#), in *AI Approaches to the Complexity of Legal Systems*. Springer, pp. 12-16
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- [Floridi, Luciano, Cows, John... Pagallo, Ugo et al. \(2018\) AI4People—An Ethical Framework for a Good AI Society: Opportunities, Risks, Principles, and Recommendations](#), *Minds and Machines*, 28(4): 689-707
- [Pagallo, Ugo \(2018\) Apples, oranges, robots: four misunderstandings in today's debate on the legal status of AI systems](#), *Philosophical Transactions of the Royal Society A: Mathematical, Physical and Engineering Sciences*, 376(2133): 20180168
- [Pagallo, Ugo \(2018\) Algo-Rhythms and the Beat of the Legal Drum](#), *Philosophy & Technology*, 31 (4), 507-524
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- [Floridi, Luciano, Luetge, Christoph, Pagallo, Ugo et al. \(2018\), Key ethical challenges in the European medical information framework](#), *Minds and Machines*, July, pp. 1-15
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- [Agnoloni, Tommaso and Ugo Pagallo \(2016\) The Case Law of the Italian Constitutional Court between Network Theory and Philosophy of Information](#), *Informatica e diritto*, XXV(1): 139-152
- [Pagallo, Ugo \(2015\) Cyber Force and the Role of Sovereign States in Informational Warfare](#), *Philosophy & Technology*, 28(3): 407-425

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- [Pagallo, Ugo \(2013\) Robots in the Cloud with Privacy: A New Threat to Data Protection?, \*Computer Law & Security Review\*, 29\(5\): 501-508](#)
- [Pagallo, Ugo \(2012\) Cracking down on Autonomy: Three Challenges to Design in IT Law, \*Ethics and Information Technology\*, 14\(4\): 319-328](#)
- [Pagallo, Ugo \(2012\) Guns, Ships, and Chauffeurs: The Civilian Use of UV Technology and its Impact on Legal Systems, \*Journal of Law, Information and Science\*, vol. 21\(2\): 224-233](#)
- [Pagallo, Ugo \(2011\) ISPs & Rowdy Web Sites Before the Law: Should We Change Today's Safe Harbour Clauses?, \*Philosophy and Technology\*, 24\(4\): 419-436](#)
- [Pagallo, Ugo \(2011\) Killers, Fridges, and Slaves: A Legal Journey in Robotics, \*AI & Society\*, 26\(4\): 347-354](#)
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- [Pagallo, Ugo \(2010\) Robotrust and Legal Responsibility, \*Knowledge, Technology & Policy\*, 23\(3-4\): 367-379](#)
- [Pagallo, Ugo \(2010\) Ethics Among Peers: File Sharing on the Internet between Openness and Precaution, \*Journal of Information, Communication and Ethics in Society\*, 8\(2\): 136-149](#)
- [Pagallo, Ugo \(2010\) A new "Ring of Gyges" and the Meaning of Invisibility in the Information Revolution, \*Journal of Information, Communication and Ethics in Society\*, 8\(4\): 364-376](#)

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- [Pagallo, Ugo, Bassi, Eleonora, Crepaldi, Marco and Massimo Durante \(2018\), Chronicle of a Clash Foretold: Blockchains and the GDPR's Right to Erasure, in M. Palmirani \(ed.\), \*Legal Knowledge and Information Systems: JURIX 2018: The Thirty-first Annual Conference\*, pp. 81-90.](#)
- [Pagallo, Ugo \(2017\) From Automation to Autonomous Systems: A Legal Phenomenology with Problems of Accountability, in \*International Joint Conferences on Artificial Intelligence Organization \(IJCAI-17\)\*, pp. 17-23](#)
- [Pagallo, Ugo \(2016\) Even Angels Need the Rules: AI, Roboethics, and the Law, in Gal A. Kaminka et al. \(eds.\), \*ECAI 2016. Frontiers in Artificial Intelligence and Applications\*, pp. 209-215, IOS Press, Amsterdam](#)
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• Pagallo, Ugo (2010) Power Laws and Levels of Abstraction in Understanding Legal Systems, in *Combined Proceedings of the International Symposium on Social Network Analysis and Norms for MAS* at the AISB Convention, pp. 41-45, edited by G. Andrighetto, G. Boella, U. Pagallo and S. Villata, De Montfort University, Leicester, UK