

Dr Federico Carmelo La Vattiata – Curriculum Vitae

Personal Information – Contact Details

Name: Federico Carmelo

Surname: La Vattiata

Email address: federico.lavattiata@unict.it (institutional)

Education

- 28.10.2022 **PhD in Comparative and European Legal Studies**, University of Trento (Italy). Thesis: *AI in healthcare: a comparative study on the criminal liability for harmful events depending on of AI-based medical devices* (no corrections required)
- 28.02.2018 **5-year Law Degree (LLM equivalent)**, University of Catania (Italy). Thesis: *The crime of genocide: questions concerning the dolus specialis and the forcible transfer of children from the victim-group to another group* (Final grade: 110/110 with honours – 1st Hons equivalent)
- 05.12.2020 **Winter School – The Regulation of Robotics & AI in Europe: Legal, Ethical and Economic Implications**, Scuola Superiore “Sant’Anna” – Pisa (Italy)
- 16.04.2019 **Seminar – Artificial Intelligence and Human Rights**, Academy of European Law (ERA) – Brussels (Belgium)
- 28.06.2018 **Summer School – European criminal law and the protection of fundamental rights**, University of Milan “La Statale” (Milan, Italy)

Professional Qualifications

- 18.02.2022 **Qualified barrister** (*Avvocato*) Italian Bar

Employment

- 04.03.2024 – *present* **Postdoctoral Research Fellow in Criminal Law**, University of Catania (Italy), Department of Law
- 18.02.2022 – *present* **Lawyer (barrister and solicitor)**, Italian Bar
- 26.11.2020 – 22.11.2023 **Teaching Fellow (Honorary) in Law and Ethics of Artificial Intelligence**, University of Trento (Italy), Department of Information Engineering and Computer Science (DISI) (Module: *AI and criminal liability*) (ca. 80 undergraduate students)
- 14.02.2022 – 19.05.2023 **Part Time Lecturer (Module Leader) in Criminal Law**, University of Trento (Italy), Faculty of Law (Module: *But-for causation and proximate causation*) (20 undergraduate students)
- 12.03.2019 – 19.05.2023 **Teaching Fellow (Honorary) in International Criminal Law**, University of Trento (Italy), Faculty of Law (Modules: *Fundamentals of ICL – The international crimes*) (ca. 30 undergraduate students)
- 15.01.2019 – 15.07.2020 **Legal practice training**, Law Firm *Studio Legale Prof. Giovanni Grasso e Associati* (Catania, Italy)
- 08.04.2018 – 31.12.2018 **Legal practice training**, Public Prosecutor Office of Milan (Milan, Italy)

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Visiting and Collaborative Research – Academic Experience

09.01.2024 – present	Researcher (Honorary) – International Federation of Neurolegal Sciences
15.03.2022 – present	Performer (Honorary) – Research Project “Effective Justice: International and Comparative Approaches,” Adam Mickiewicz University (Poznan, Poland) – University of Bologna (Italy)
23.11.2020 – present	Member of the AI Toolkit Core Group (Honorary) – Adaptive Policing Lab (APL), INTERPOL – UNICRI Innovation Centre (remotely)
19.10.2023 – 19.11.2023	External Evaluator of Chiara Limiti’s PhD thesis on “The use of nudge during the COVID-19 pandemics,” Doctoral Programme in Legal and Political Sciences – Guglielmo Marconi University (Rome, Italy)
27.11.2020 – 28.03.2023	Participant – Research Project “Validating, Specifying & Prioritizing the Ethical, Legal and Social Implications of Implementing Artificial Intelligence within Anti-Doping Strategies: A Delphi Study,” Centre for Genomic and Policy – McGill University (Montreal, Canada)
17.05.2021 – 17.12.2021	PhD Visiting Research Fellow, Goethe-Universität Frankfurt am Main, Forschungsverbund “normative Ordnungen” (Frankfurt, Germany)
28.11.2016 – 02.12.2016	Independent Researcher, International Criminal Court (The Hague, Netherlands)

Memberships

2019 – present	Member of the Editorial Board, Law Journal <i>Diritto Penale XXI Secolo</i>
2018 – present	Member, Association Internationale De Droit Pénal (AIDP)
2015 – present	Member, European Criminal Law Centre Association (Catania, Italy)

Main Publications

- Italian translation of R. BROWNSWORD, ‘Law’s imperfect governance and our technological futures.’ 2 *Diritto penale XXI Secolo* 2023, p. 351-386 [published in Italian]
- ‘AI systems involved in harmful events: liable legal persons or mere instruments? An interdisciplinary and comparative analysis,’ 1 *BioLaw Journal - Rivista di BioDiritto* 2023, p. 485-499 <https://doi.org/10.15168/2284-4503-2646>
- ‘Criminal liability for harm caused through AI-based medical devices: questions concerning causation and the *mens rea*,’ 2 *Responsabilità sanitaria, rischio clinico e valore della persona* 2023, p. 181-196 [published in Italian]
- with M. CUTOLO (Italian translation of), J.A.E. VERVAELE, ‘Towards a European Reassessment of Punitive Law Enforcement?’, 1 *Diritto penale XXI Secolo* 2023, p. 1-52 [published in Italian]
- ‘Some thoughts about the genocidal specific intent,’ 1 *Diritto penale XXI Secolo* 2023, p. 117-132
- (Review of) P. CAROLI, ‘Transitional Justice in Italy and the Crimes of Fascism and Nazism’ (Routledge, Abdingdon/New York, 2022), 1 *Diritto penale XXI Secolo* 2023, p. 218-221 [published in Italian]

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- 'AI-based medical devices: the applicable law in the European Union,' 4 *BioLaw Journal – Rivista di Biodiritto* 2022, p. 411-437 <https://doi.org/10.15168/2284-4503-2484>
- 'Criminal liability for AI-crime and the proof beyond any reasonable doubt,' in ROSARIA GIORDANO ET AL. (ed) *Il diritto nell'era digitale: persona, mercato, amministrazione, giustizia* (Giuffrè Francis Lefebvre 2022), p. 695-712 [published in Italian]
- 'Federal agencies in the US risk management-system: the management of risks in the techno-pharmaceutical sector and the role of the Food and Drug Administration', in ANTONINO GULLO ET AL. (ed) *I nuovi volti del sistema penale fra cooperazione pubblico privato e meccanismi di integrazione fra hard law e soft law* (Giuffrè Francis Lefebvre 2021), p. 491-514 [published in Italian]
- with D. BAZZANELLA ET AL., 'Artificial and Biological Neurons: Interdisciplinary Issues and Future Perspectives. White Paper,' 1 *BioLaw Journal - Rivista di BioDiritto* 2021, p. 353-379
- 'The extent to which the law can require diligent behaviour from physicians, in light of the degree of recognisability of a risk' (commentary on Supreme Court of Cassation, Criminal Chamber IV, judgement, No. 15258 of the 11th of February 2020), *Il Foro Italiano* 2021, p. 61 [published in Italian]
- 'Artificial Intelligence in Healthcare: Risk Assessment and Criminal Law', in IRAKLI BERIDZE ET AL. (ed.) *UNICRI Special Collection on Artificial Intelligence* (United Nations Interregional Crime and Justice Research Institute 2020), p. 48-58
- 'The prevention and punishment of corruption in the Italian legislation,' 119 *Revista Brasileira de Estudos Políticos* 2019, p. 117-147 <http://dx.doi.org/10.9732/P.0034-7191.2019V119P117>
- 'The new European PIF Directive: some questions about corporate crime, corporate groups, and tax offences' 9 *Giurisprudenza Penale* 2019, p. 1-17 [published in Italian]

Conferences / Seminars

- Admitted speaker – **Leiden eLaw Conference: Law and/versus Technology: Trends for the New Decade** [Presentation's title: 'Causation in war crimes committed via AI-based loitering weapons'], 20/06/2024 – 21/06/2024, Universiteit Leiden (Netherlands)
- Invited speaker – **Effective Justice: International and Comparative Approaches (Conference)** [Presentation's title: 'Crimes of Harmful Consequences and Artificial Intelligence: Causation at the Bar'], 08/05/2023 – 10/05/2023, Adam Mickiewicz University, Poznań
- Invited speaker – **Presentation of Dr Paolo Caroli's book "Transitional Justice in Italy and the Crimes of Fascism and Nazism"** (<https://dx.doi.org/10.4324/9781003273387-1>), 19/01/2023 – 19/01/2023, University of Trento, Faculty of Law
- Invited speaker – **International Scientific Seminar "THE FUTURE OF CRIMINAL LAW"** [Presentation's title: 'Theorizing the future: AI product-liability in the European area of freedom, security and justice'], 18/01/2023, University of Szczecin (webinar)
- Invited speaker – **3rd INTERPOL-UNICRI Global Meeting on AI for Law Enforcement**, 23/11/2020 – 27/11/2020 (webinar)
- Admitted speaker – **8th Meeting of the AIDP section Young Penalists** [Presentation's title: 'The role of FDA in the US system of techno-pharmaceutical risk-regulation'], 22/10/2020 – 24/10/2020 (webinar)
- Invited speaker – **Conference on AI and the law** [Presentation's title: 'AI, medicine and risk-management'], 02/10/2020 – 02/10/2020, University of Trento, Faculty of Law (webinar)
- Invited speaker – **Conference on AI, COVID-19 crisis, and the law** [Presentation's title: 'AI medical devices and Covid-19: causation and risk-assessment models'], 02/10/2020 – 02/10/2020, University of Trento, Faculty of Law (webinar)
- Invited speaker – **Working Group "AI and Healthcare," International Conference on the Ethics and Law of Artificial Intelligence (Fondazione Leonardo-Civiltà delle Macchine)**, 21/11/2019 – 22/11/2019 Chamber of Deputies of the Italian Parliament (Rome, Italy)
- Invited speaker – **Training course for bailiffs** [Presentation's title: 'The criminal liability framework for bailiffs in Italy'], 28/09/2019 – 28/09/2019, Courthouse of Caltagirone (Caltagirone, Italy)

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- Admitted speaker – **Continuing Education Course for PhD Students** [Presentation's title: 'Robotics and AI: new challenges for criminal law'], 03/06/2019 – 05/06/2019, Hotel Poiano (Garda, Italy)
- Admitted speaker – **18th Annual Conference of the European Society of Criminology (ESC)** [Presentation's title: 'The Crime of Genocide. Questions About the Mens Rea'], 29/08/2018 – 01/09/2018, University of Sarajevo (BIH)

Languages

Italian	Mother Tongue		
English	Writing: Proficiency	Speaking: Proficiency	Reading: Proficiency
German	Writing: Intermediate	Speaking: Basic	Reading: Intermediate
French	Writing: Basic	Speaking: Basic	Reading: Basic
Spanish	Writing: Basic	Speaking: Basic	Reading: Basic