STEVEN UMBRELLO

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EDUCATION

AWARDED 17 JUNE 2026 · VALID UNTIL 17 JUNE 2038

NATIONAL SCIENTIFIC HABILITATION (ASN) — ASSOCIATE PROFESSOR LEVEL (FASCIA II)

ITALIAN MINISTRY OF UNIVERSITY AND RESEARCH (MUR)

- Field: Moral Philosophy (11/C3), ASN 2023–2025 round.
- National qualification certifying eligibility to compete for associate professorships in Moral Philosophy at Italian universities.

12 OCT 2023 – 30 OCT 2024

POSTGRADUATE CERTIFICATE IN SHROUD STUDIES

ATENEO PONTIFICIO REGINA APOSTOLORUM (ITALY)

- Major Research Project: *Transcendental Method and the Shroud of Turin: A Lonerganian Framework for Interdisciplinary Study of a Relic*
- Language: English
- Supervisor: Fr. Andrew Dalton

1 OCT 2018 – 26 NOV 2021

DOCTORATE (PHD) CUM LAUDE

NORTHWEST ITALIAN PHILOSOPHY CONSORTIUM (ITALY)

- Ethics and Political Philosophy
  - Dissertation: *Towards a Value Sensitive Design Framework for Attaining Meaningful Human Control of Autonomous Weapons Systems*
  - Language: English
  - Supervisor: Maurizio Balistreri (UniTo)
  - Committee Members: Alberto Pirni (Sant'Anna) and Stefan Sorgner (John Cabot)

1 SEPT 2016 – 28 NOV 2018

MASTER OF SCIENCE (MSC)

UNIVERSITY OF EDINBURGH (UK)

- Epistemology, Ethics and Mind
  - Dissertation: *Imaginative Value Sensitive Design: How Moral Imagination Exceeds Moral Law Theories in Informing Responsible Innovation*
  - Language: English
  - Supervisor: Emma C. Gordon

1 SEPT 2017 – 10 OCT 2018

MASTER OF ARTS (MA)
YORK UNIVERSITY (CANADA)

- Science and Technology Studies
  - Major Research Project: *Safe-(for whom?)-by-Design: Adopting a Posthumanist Ethics for Technology Design*
  - Language: English
  - Supervisor: Daniel McArthur

1 SEPT 2011– 1 JUNE 2016
HONOURS BACHELOR OF ARTS (HBA) WITH DISTINCTION
UNIVERSITY OF TORONTO (CANADA)

- Major: Philosophy
- Minor: Philosophy of Science
- Minor: Classical Civilizations

CURRENT POSITIONS

1 APR 2016 – PRESENT
MANAGING DIRECTOR
INSTITUTE FOR ETHICS AND EMERGING TECHNOLOGIES

- Independent research on the design and ethics of transformative, emerging technologies.
- Spearheaded the rebranding of the IEET and the reformulation of the essential duties of the Board of Trustees, Board of Directors, and the Advisory Board.

1 DEC 2025 – PRESENT
RESEARCH FELLOW
UNIVERSITÀ DEGLI STUDI DI TORINO

- Project: European Digital Humanism Initiative (EUDHIT), Horizon Europe (Grant Agreement No. 101212890).

1 NOV 2026 – PRESENT
CHIEF OPERATING OFFICER
ANIMA INSTITUTE

- Non-profit research institute; the Catholic Turing Test Initiative (CTT:AI) is its program. CTT:AI emerged from the Builders AI Forum and develops a testing framework for claims about machine understanding grounded in Catholic anthropology, indexed to Pope Leo XIV's encyclical *Magnifica Humanitas*. Ratified as a founding director by the Steering Committee, 23 October 2026. Also serves on the Steering Committee and the Executive Committee and as Co-Lead of the Philosophy Working Group.

1 JAN 2025 – PRESENT
MANAGING DIRECTOR
ETHICAL RESEARCH CENTER ON ANTHROPOLOGY AND TECHNOLOGY

- Leading a multidisciplinary research initiative at the University of Turin, focusing on the ethical, anthropological, and technological challenges of contemporary transformations, including the digital shift and biotechnologies.
- *Hub for Ethics and Emerging Technologies* (HEET): Spearheading research and training on responsible and ethical approaches to emerging technologies, with projects on AI trustworthiness, human enhancement, and quantum ethics, while mentoring early-career researchers in the field.

1 JAN 2023 – PRESENT
ASSOCIATE RESEARCHER
COLLÈGE DES BERNARDINS (PARIS, FRANCE)

- Research on digital humanism.

11 JAN 2021 – PRESENT
TEAM MEMBER
Z-INSPECTION®

- Applying the general inspection process for Ethical AI to various domains, including business, healthcare, and the public sector.

31 JULY 2021 – PRESENT
AFFILIATE MEMBER
4TU. ETHICS AND TECHNOLOGY

- Affiliate member of the joint ethics and technology research centre of the four Dutch technical universities (Delft, Eindhoven, Twente, Wageningen). Appointed during the TechEthos postdoctoral fellowship; retained as an affiliate member after the move to the University of Turin.
- Profile: https://www.4tu.nl/ethics/members/steven-umbrello/

PRIOR POSITIONS

1 APR 2024 – 30 NOV 2025
POSTDOCTORAL RESEARCHER
UNIVERSITÀ DEGLI STUDI DI TORINO

- Project: Science, ethics, and digital humanism

15 FEB 2022 – 5 FEB 2025
CULTORE DELLA MATERIA (PRECEPTOR)
UNIVERSITÀ DEGLI STUDI DI TORINO

- Preceptor in the ethics and philosophy of technology in the Department of Philosophy and Educational Sciences.
- Thesis supervisor for undergraduate and master's students.

1 OCT 2023 – 31 MAR 2024
RESEARCHER
UNIVERSITÀ DEGLI STUDI DI TORINO

- Project: cell-based meat and seafood FEAT.FutureEATing
- Funded by: S1921_POV_D205 - Mission 1.1 - Bando PoV Instrument- Proof of Value-Verso il cibo del futuro: cell-based meat and seafood FEAT.FutureEATing

21 OCT 2019 – 31 DEC 2023
ETHICS EXPERT
ETHICAL INTELLIGENCE ASSOCIATES LTD.

- Provided consultancy for companies to gain a competitive edge by mitigating ethical risks and formulating custom tools and protocols to embed ethics into their practices that align with current ethical guidelines and company values.

3 JULY 2023 – 29 DEC 2023
RESEARCHER
CENTER FOR RELIGIOUS STUDIES (BRUNO KESSLER FOUNDATION)

- Project: Ethics of Generative AI

1 OCT 2022 – 1 OCT 2023
RESEARCHER
UNIVERSITÀ DEGLI STUDI DI TORINO

- Project: Affects numériques. Enjeux éthiques, esthétiques et anthropologiques
- Funded by: LING_RIC_N_COMP_22_01-2022.03-Accordo attuativo 2022 - Collège des Bernardins

15 JULY 2021 – 15 JULY 2023
RESEARCH TEAM MEMBER
ETHICS OF QUANTUM TECHNOLOGIES RESEARCH TEAM

- Research focus: Standard approaches to stakeholder involvement, such as Responsible Research and Innovation (RRI) and Design for Values, assume transparency about quantum technologies.

15 JULY 2021 – 15 JULY 2023
POSTDOCTORAL RESEARCH FELLOW
DELFT UNIVERSITY OF TECHNOLOGY

- Project Role: Stakeholder communication, scenario building, ethics teaching, and methodology development.
- Funded by: TechEthos (EU Horizon 2020 Grant Agreement no. 101006249)
- 2-year research fellowship on the European Union's *Ethics for Technologies with High Socio-Economic Impact Project* (2021–2023).

11 APR 2022 – 31 DEC 2022
STIFTUNG SÜDTIROLER SPARKASSE GLOBAL FELLOW
CENTER FOR ADVANCED STUDIES (EURAC RESEARCH)

- Project Role: Philosophy, religion and society
- Funded by: Stiftung Südtiroler Sparkasse

26 OCT 2021 – 31 DEC 2022

STUDENT EXPERT FOR THE EVALUATION OF SCHOOLS FOR ADVANCED STUDIES

ANVUR REGISTER OF EVALUATION EXPERTS

- Conducted a preliminary analysis of the documents provided by the school for accreditation.
- Carried out the on-site visit according to the ANVUR Governing Board's schedule.
- Drafted CEVS Reports.
- Collaborated with other CEVS members and with ANVUR using electronic tools for teamwork.
- Prepared in-depth studies at the Governing Board's request.

11 JAN 2021 – 31 OCT 2022

DEPARTMENTAL COUNCIL MEMBER (PHD REPRESENTATIVE)

UNIVERSITÀ DEGLI STUDI DI TORINO

- Doctoral student representative on the council of the Department of Philosophy and Educational Sciences.

8 MAR 2022 – 1 AUG 2022

JUNIOR COUNCIL MEMBER (TPM AI-LAB)

DELFT UNIVERSITY OF TECHNOLOGY

- Raised the external profile of AI research at TPM.

1 JAN 2013 – 6 NOV 2018

JUNIOR ASSOCIATE

GLOBAL CATASTROPHIC RISK INSTITUTE

- Nanotechnology research.
- Provided overall organizational development.

1 JUNE 2015 – 1 JUNE 2018

POLICY COORDINATOR - AMERICAS

GLOBAL HEALTHSPAN POLICY INSTITUTE

- Participated as an institute pioneer in securing assets and experts to support biogerontological and bioethics public policy.

1 OCT 2015 – 31 MAR 2016

ASSISTANT MANAGING DIRECTOR

INSTITUTE FOR ETHICS AND EMERGING TECHNOLOGIES

- Assisted the Managing Director with submissions and organizational administration.

WORKING LANGUAGES

Native language – English

SUPERVISED THESES

Nov 2027 (expected)	C. Ternullo. Master's Thesis, University of Turin, Italy. Title: *Intelligenza Artificiale e innovazione responsabile in ambito medico: responsabilità e supervisione umana nei sistemi di supporto alla diagnosi.*
Apr 2027 (expected)	L. Tagliabò. Master's Thesis, University of Turin, Italy. Title: *Menti ipermediate: l'impatto psicologico dei social network e dell'IA sui rapporti umani.*
Apr 2027 (expected)	I. Daverio. Master's Thesis, University of Turin, Italy. Title: *Etica dell'IA come infrastruttura di fiducia.*
Apr 2027 (expected)	G. La Bionda. Master's Thesis, University of Turin, Italy. Title: *La Value Sensitive Design Come Approccio Alla Progettazione Etica Dell'Intelligenza Artificiale Generativa: Un'Analisi Dei Large Language Models.*
Apr 2027 (expected)	E. Furnò. Bachelor's Thesis, University of Turin, Italy. Title: *IA generativa e inclusione universitaria.*
Nov 2026	F. Pacella. Master's Thesis, University of Turin, Italy. Title: *Bioetica e giustizia algoritmica nella sanità rurale: un'analisi critica dell'uso dell'Intelligenza Artificiale nei sistemi diagnostici colombiani.*
Nov 2026	F. Mare. Master's Thesis, University of Turin, Italy. Title: *Da esecutore a curatore concettuale. Il lavoro umano e la sostenibilità etico-sociale dell'integrazione con l'Intelligenza Artificiale (2024–2026). Una valutazione attraverso il Value Sensitive Design*.
Nov 2026	C. Dente. Master's Thesis, University of Turin, Italy. Title: *L'illusione intenzionale: analisi critica della tendenza antropomorfica nell'era dell'intelligenza artificiale*.
Apr 2026	A. Piscioneri. Master's Thesis, University of Turin, Italy. Title: *Implicazioni etiche dell'utilizzo dell'intelligenza artificiale in ambito medico*.
Nov 2024	D. Laudani. Bachelor's Thesis, University of Turin, Italy. Title: *Il metodo trascendentale di Lonergan e le politiche del Moral Agency*.
Mar 2023	G. Burbello. Master's Thesis, University of Turin, Italy. Title: *L'uomo, tra il presente e le preoccupazioni per il futuro: Le potenzialità della tecnica come cambio di rotta.*

Nov 2022	B. Agaci. Master's Thesis, co-supervisor with Prof. Maurizio Balistreri, University of Turin, Italy. Title: *DUEMILA4.0 Lavoro e intelligenza: le nuove sfide del futuro*.
Nov 2022	G. Mecca. Master's Thesis, co-supervisor with Prof. Maurizio Balistreri, University of Turin, Italy. Title: *Prospettive diverse: discorso filosofico ed etico sull'Amore.*
Nov 2022	F. Varesi. Bachelor's Thesis, co-supervisor with Prof. Maurizio Balistreri, University of Turin, Italy. Title: *Progettare l'Ambiente Comunicativo. Strumenti per applicare il VSD ai social media*.

TEACHING EXPERIENCE

Course Instructor

Politecnico di Torino (2026 – 2027)

- Impact of AI on Occupations (CFU: 10)

Università degli Studi di Torino (2025 – 2026)

- Etica dell'informatica (CFU: 2)
- FIL0531: Artificial Intelligence and Society (CFU: 6)
- NEU0282: Bioethics and Mind Philosophy (CFU: 4)

Università degli Studi di Torino (2024 – 2025)

- Etica dell'informatica (CFU: 2)
- FIL0531: Artificial Intelligence and Society (CFU: 6)
- NEU0282: Bioethics and Mind Philosophy (CFU: 4)

Università degli Studi di Torino (2023 – 2024)

- NEU0282: Bioethics and Mind Philosophy (CFU: 4)
- FIL0458: Etica della Tecnica (CFU: 6)

Delft University of Technology (Apr 2023 – July 2023)

- UD2010: Critical Reflection on Technology (ECTS: 5) [Instructor]

Eindhoven University of Technology (11 May 2023)

- DDM190: Interactional Morality [Guest Lecture]

Università degli Studi di Torino (2022 – 2023)

- NEU0282: Bioethics and Mind Philosophy (CFU: 4)
- FIL0458: Etica della Tecnica (CFU: 6)

Delft University of Technology (Apr 2022 – Dec 2022)

- UD2010: Critical Reflection on Technology (ECTS: 5) [Instructor]
- PhD Startup Module B – Scientific Integrity [Instructor]

- WM0324: Ethics and Technology for Aerospace Engineering (ECTS: 3) [Essay Supervisor]
- SEN131B: Master Complex Systems Engineering and Management Research Challenges (ECTS: 5) [Research Theme Leader]

Università degli Studi di Torino (17 Apr 2021)
- L'assistenza sanitaria a distanza: la telemedicina e le nuove tecnologie biomediche [Guest Lecture]

Politecnico di Milano (8 Apr 2021)
- Responsible Innovation & Value Sensitive Design [Guest Lecture]

Università degli Studi di Torino (16 May 2019)
- Responsible Innovation & Technology Dynamics [Guest Lecture]

Università della Calabria (14 Apr 2019)
- Responsible Innovation and Industrial Plant Management in Industry 4.0 [Guest Lecture]

Green High School (May 2016 – Aug 2016)
- ENG4U: English, Grade 12, University Preparation [Designed and Taught Course]

University Teaching Assistantships

Università degli Studi di Torino (2020/2021)
- FIL0158: Applied Ethics, Teaching Assistant
- FIL0233: Practical Philosophy, Teaching Assistant

York University (Sept 2017 – June 2018)
- NATS 1775: Technology and Civilization [Grader]
- NATS 1920: Nature and Growth of Mathematics [Grader]

Course Developer

High Park Academy (May 2016 – June 2016)
- HZB3M (Web): Philosophy: The Big Questions, Grade 11 [Course Designer]
- HZT4U (Web): Philosophy: Questions and Theories, Grade 12 [Course Designer]

RESEARCH GRANT PROPOSALS

2026 — AI Supported Peer Learning and Adolescent Development
Co-Investigator — AI ethics and responsible design
OpenAI, AI and Teen Development Research Grant Program. Principal Investigator: Daniele Quercia, Politecnico di Torino. Total project funding requested: USD 950,000. Proposed duration: 12 months.

Status: Submitted; funding decision pending.
Proposed responsibilities: Guide the project's ethical framework, translate human values into design requirements, and contribute to the assessment of safeguards for agency, inclusion and human oversight.

RESEARCH GRANT REVIEWS

Swiss National Science Foundation (SNSF)
- External grant review (2025: 1)

Social Sciences and Humanities Research Council of Canada (SSHRC)
- Insight Grants, 2025 competition (2025: 1)

Austrian Academy of Sciences (ÖAW)
- Anniversary Fund of the City of Vienna (Jubiläumsfonds), "Vienna as research location" call (2025: 1)

Luxembourg National Research Fund (FNR)
- OPEN 2024 Call (2024: 1)

COMMITTEE WORK

Ethics Committee

Città di Torino - La casa delle Tecnologie Emergenti di Torino (May 2024–present)
- Board Member on the Ethical use of Emerging Technologies for Urban Innovation

Hiring Committee

University of Massachusetts Boston (Dec 2023–Jan 2024)
- Postdoctoral Research Fellow (Department: Philosophy)

University of Massachusetts Boston (Dec 2021–Jan 2022)
- Postdoctoral Research Fellow (Department: Philosophy)

Valorisation Panel

University of Twente (Feb 2022–Dec 2024)
- Responsible Innovation Path for Nanomembranes: Value Co-Creation in a Quadruple Helix System

University Task Forces

Università degli Studi di Napoli Federico II (Nov 2023–present)
- Human & Future Task Force

EDITORIAL DUTIES

A verified editorial record can be accessed via Web of Science.

Current Roles

May 2020–present	[Editor-in-Chief] *International Journal of Technoethics*
Jan 2026–present	[Co-Editor-in-Chief] *Etica & Politica / Ethics & Politics*
June 2023–present	[Series Editor] *The Politics of Human Enhancement* (De Gruyter)
Oct 2021–present	[Series Editor] *Ethics and Robotics* in Trivent Transhumanism
Oct 2022–present	[Imprint Head] *Trivent Ethics in Science & Technology*
July 2021–present	[Managing Editor] *Journal of Responsible Technology*
Mar 2021–present	[Managing Editor] *Journal of Ethics and Emerging Technologies*
Apr 2022–present	[Associate Editor] *ACM Journal on Responsible Computing*
Jan 2018–present	[Section Editor] *Informatica*
Apr 2024–present	[Editorial Board Member] *Umanesimi del futuro: Filosofie ed etiche della scienza e della tecnica* (tab edizioni)
May 2023–present	[Editorial Board Member] *Philosophies*
Nov 2017–present	[Editorial Board Member] *International Journal of Applied Philosophy*
Jan 2020–present	[Editorial Board Member] *International Journal of Art, Culture and Design Technologies (IJACDT)*
Feb 2019–present	[Editorial Board Member] *International Journal of Sociotechnology and Knowledge Development (IJSKD*)
June 2020–present	[Editorial Board Member] *ROBONOMICS: The Journal of the Automated Economy*
June 2020–present	[Advisory Board Member] *AI Ethics Journal*
Sept 2020–present	[Editorial Board Member] *International Journal of Technology and Human Interaction (IJTHI)*

Past Roles

Dec 2020 –Jan 2027	[Topical Advisory Panel Member] *Information*
Apr 2018 – Sept 2025	[Book Reviews Editor] *Prometheus: critical studies in innovation*
Dec 2023 – Mar 2024	[Co-Guest Editor] *Journal of Responsible Technology*. Special Issue: Frontiers in Digital Humanism.
Aug 2022 – Mar 2023	[Guest Editor] *International Journal of Applied Philosophy*. Symposium Issue: The Final Frontier: Ethical and Philosophical Issues of Space Travel and Colonisation.
Feb 2022 – Dec 2022	[Guest Editor] *Sustainability*. Special Issue: Industry 4.0 – Sustainable Technology, Policy and Management.
May 2022 – Oct 2022	[Guest Editor] *Journal of Ethics and Emerging Technologies*. Special Issue: The Ethics of Emerging Technologies and Their Role in Geopolitical Conflict, Vol. 32, No. 2 (2022).
Feb 2021 – Mar 2022	[Guest Editor] *Information*. Special Issue: Meaningful Human Control and Autonomous Weapons Systems: Ethics, Design, and Innovation, Vols. 12–13 (2021–2022).
Jan 2021 – Dec 2021	[Guest Editor] *Prometheus: critical studies in innovation*. Special Issue: Designing for Value Change, Vol. 38, No. 1 (2022).
Apr 2020 – Apr 2021	[Guest Editor] *International Journal of Technoethics*. Special Issue: Engineering Ethics: bridging the Theory-Practice Gap, Vol. 12, No. 2 (2021).
Jan 2019 – Mar 2021	[Associate Editor] *Science and Engineering Ethics*
Nov 2018 – May 2020	[Associate Editor] *International Journal of Technoethics*
Jan 2019 – Jan 2020	[Editorial Board Member] *Delphi – Interdisciplinary Review of Emerging Technologies*
Sept 2017 – Nov 2018	[Editorial Review Board Member] *International Journal of Technoethics*
Jan 2018 – Oct 2018	[Guest Editor] *Between the Species: Journal of Philosophy and Animals*, part of Vol. 29, No. 1 (2020)

PEER REVIEWS

Notation: Journal Name (year of reviews: number of reviews in that year)
* Denotes peer reviews for edited collections

To the reader: I include the number of reviews to promote more professional credit being given for performing peer reviews. I encourage others to do the same on their CVs.
Verified journal reviews can be accessed via Web of Science.

Academia Letters (2021: 1)
Acta Scientiarum. Technology (2021: 1)
AI and Ethics (2023: 3; 2026: 1)
AI & Society (2018: 2; 2019: 2; 2020: 3; 2025: 1)
Annali di studi religiosi (2025: 2)
Applied Artificial Intelligence (2021: 2)
Applied Sciences (2021: 1; 2022: 1)
Archivio Teologico Torinese (2025: 1; 2026: 1)
**Artificial Intelligence Safety and Security* [CRC Press] (2017: 6)
Axiomathes (2018: 1; 2020: 2)
BioLaw Journal - Rivista di Biodiritto (2025: 1)
BMC Medical Ethics (2021: 1; 2022: 1)
Bulletin of Science, Technology & Society (2026:1)
Canadian Journal of Bioethics / Revue canadienne de bioéthique (2024: 1)
Communications of the ACM (2021: 1)
Computer (2022: 1)
**Connected and Automated Vehicles: Integrating Ethics and Engineering* (2022: 1)
Contingent Horizons (2017: 1)
Delphi – Interdisciplinary Review of Emerging Technologies (2019: 2)
Democracy and Security (2021: 1)
Digital Society (2022: 1)
Discover Artificial Intelligence (2025: 1)
Engineering Reports (2019: 1)
Ethics and Information Technology (2020: 1; 2021: 2; 2022: 3; 2025: 2)
Ethics and International Affairs (2022: 1)
Ethics, Policy & Environment (2024: 1)
Etica & Politica / Ethics & Politics (2021: 1; 2023: 2; 2024: 2; 2025: 1)
Filosofia (2020: 2)
Forum Philosophicum (2026: 1)
Futures (2017: 2; 2019: 2)
Global Philosophy (2024: 1)
Heliyon (2023: 1)
HUMANA.MENTE Journal of Philosophical Studies (2020: 1)
Humanities and Social Sciences Communications (2021: 1; 2025: 2; 2026: 1)
I Castelli di Yale (2024: 1)
IEEE Transactions on Software Engineering (2021: 1)
Information and Software Technology (2021: 1)
International Journal of Art, Culture and Design Technologies (2018: 1; 2019: 2)
International Journal of Hospitality Management (2021: 1; 2022: 1)
International Journal of Human–Computer Interaction (2022: 1)
International Journal of Social Robotics (2025: 1)
International Journal of Sociotechnology and Knowledge Development (2018: 2; 2019: 3; 2020: 1)
International Journal of Strategic Engineering (2018: 1)
International Journal of Systems and Society (2019: 1; 2020: 1)
International Journal of Technoethics (2017: 3; 2018: 1; 2019: 1; 2020: 2)

International Journal of Technology and Human Interaction (2020: 2)
International Journal of Technology, Knowledge, and Society (2018: 1)
Intersect: The Stanford Journal of Science, Technology, and Society (2018: 1)
J (2021: 1)
Journal of Applied Philosophy (2020: 1)
Journal of Consciousness Studies (2019: 1; 2024: 1)
Journal of Critical Realism (2018: 10; 2019: 3)
Journal of Ethics and Emerging Technologies (2021: 1)
Journal of Evolution and Technology (2015: 1; 2017: 2; 2018: 1)
Journal of Intelligence (2021: 1)
Journal of Military Ethics (2018: 2; 2020: 1; 2025: 1)
Journal of Posthuman Studies (2018: 5; 2019: 2; 2020: 1; 2021: 3; 2022: 1; 2023: 1)
Journal of Responsible Innovation (2017: 2; 2018: 1; 2021: 1)
Journal of Science Communication (2018: 1)
Journal of Social Computing (2021: 1)
Lessico di Etica Pubblica (2023: 1; 2024: 1)
**Machine Law, Ethics, and Morality in the Age of Artificial Intelligence* (2020: 1)
Medicine, Health Care and Philosophy (2026: 1)
Melita Theologica (2026: 1)
Mind & Society (2020: 1; 2021: 1)
Minds and Machines (2021: 2; 2025: 1)
Modern Theology (2025: 1)
NanoEthics (2019: 4; 2020: 2; 2021: 5; 2022: 2; 2023: 2; 2025: 2)
Open Research Europe (2023: 1)
Philosophies (2021: 2)
Philosophy & Technology (2019: 1; 2020: 2; 2021: 1; 2022: 1; 2023: 1; 2025: 2; 2026: 2)
Physica Scripta (2019: 1; 2020: 1)
Prometeica (2022: 2)
Revista CIDOB d'Afers Internacionals (2022: 1)
ROBONOMICS: The Journal of the Automated Economy (2021: 1; 2023: 3)
Science and Engineering Ethics (2018: 7; 2019: 9; 2021: 4; 2022: 1; 2023: 1; 2024: 1)
Science, Technology, and Human Values (2021: 6)
Scienza & Filosofia (2023: 1; 2024: 6; 2025: 1)
Social Theory and Practice (2022: 1)
SUBSTANTIA. An International Journal of the History of Chemistry (2025: 1)
Sustainability (2021: 3; 2022: 2)
Techné: Research in Philosophy and Technology (2020: 2; 2026: 1)
Technological Forecasting & Social Change (2021: 1)
Technology in Society (2023: 1)
TECNOSCIENZA: Italian Journal of Science & Technology Studies (2017: 1)
The Future of Science and Ethics (2025: 1)
The New Bioethics (2026:1)

CITATION METRICS

Google Scholar total citations: 3616 (as of 28 October 2026)

h-index: 28

i10-index: 52

ACADEMIC PUBLICATIONS

Books

Umbrello, Steven, n.d. *The Beautiful, The True, The Good: Lonergan and the Recovery of the Common Good.* Toronto: University of Toronto Press. *Under review.*

Umbrello, Steven, 2026. *Vigilant Hope: Preserving Human Dignity in an Age of Artificial Intelligence*. West Chester, PA: Ascension Press. ISBN: 9798892763011

Umbrello, Steven; MacIver, Colin, 2026. *Quick Catholic Lessons on Magnifica Humanitas with Dr. Steven Umbrello*. West Chester, PA: Ascension Press. ISBN: 9798892763035

Umbrello, Steven, 2026. *Mediated by Meaning: Consciousness and Conversion in the Thought of Jordan Peterson*. Eugene, OR: Pickwick Publications. ISBN: 9798385263172

O'Hara, Paul; Umbrello, Steven, 2026. *Can AI Ever Be Human? Consciousness Explored*. Washington, D.C.: The Catholic University of America Press. ISBN: 9780813240862

Umbrello, Steven, 2026. *L'etica di Bernard Lonergan. Recuperando il bene comune con la Bellezza e la Verità*. Roma: Città Nuova Editrice. ISBN: 9788831135580 [Italian]

Umbrello, Steven, 2024. *Technology Ethics: Responsible Innovation and Design Strategies*. Cambridge, UK: Polity. ISBN: 9781509564040

Umbrello, Steven, 2023. *Oggetti Buoni. Come costruire una tecnologia sensibile ai valori*. Rome: Fandango. ISBN: 9788860449023 [Italian]

Umbrello, Steven, 2022. *Designed for Death: Controlling Killer Robots.* Budapest: Trivent Publishing. ISBN: 9786156405364

Edited Volumes

Hughes, James J.; Umbrello, Steven; Calì, Cristiano (eds.), 2026. *Theology of Human Enhancement in Western Traditions*. Berlin: De Gruyter. ISBN: 9783111519104

Leone, Massimo; Umbrello, Steven (eds.), 2026. *Digitally Divided: The Impact of Technology on Belief and Societal Polarization*. Dordrecht: Springer. ISBN: 9783032104212

Umbrello, Steven; Hughes, James J.; Calì, Cristiano (eds.), 2024. *The Biopolitics of Human Enhancement*. Berlin: De Gruyter. ISBN: 9783111242552

Dennis, Matthew; Ishmaev, Georgy; Umbrello, Steven; van den Hoven, Jeroen (eds.), 2022. *Values for a Post-Pandemic Future*. Cham: Springer. ISBN: 9783031084232

Book Translations

White, Thomas Joseph, 2026. *La luce di Cristo*, trans. S. Umbrello, Rome: Città Nuova Editrice. (Original work published 2017). [Translated from English]. ISBN: 9788831135603

Lonergan, Bernard J. F., 2026. *Saggi. Terza collezione*, trans. M. Pampaloni and S. Umbrello, Rome: Città Nuova Editrice. (Original work published 2017). [Translated from English]. ISBN: 9788831173179

Umbrello, Steven, 2025. *Il futuro della tecnologia. Progettazione etica e innovazione*, trans. S. Umbrello, Rome: tab edizioni. (Original work published 2024). [Translated from English]. ISBN: 9791256690947

Liddy, Richard M., 2024. *Sorprendenti stranezze. Introduzione a Insight di Lonergan*, trans. S. Umbrello, Rome: Città Nuova Editrice. (Original work published 2006). [Translated from English]. ISBN: 9788831135542

Galletti, Matteo, 2024. *The Morality Pill: The Ethics of Moral Enhancement*, trans. S. Umbrello, Budapest: Trivent Publishing. (Original work published 2022). [Translated from Italian]. ISBN: 9786156696380

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Umbrello, Steven, 2024. "Beyond the Lab: Ethical and Cultural Contemplations on Cultivated Meat," *Ethics, Politics & Society*, Vol. 7, No. 1, 81–90. DOI: 10.21814/eps.7.1.5732

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Umbrello, Steven, 2024. "Distributed Like Bread – Jonathan M. Ciraulo," *Homiletic and Pastoral Review*, May 2024.

Umbrello, Steven, 2022. "Should we Reset? A Review of Klaus Schwab and Thierry Malleret's 'COVID-19: The Great Reset'," *Journal of Value Inquiry*, Vol. 56, No. 4, 693–700. DOI: 10.1007/s10790-021-09794-1

Umbrello, Steven, 2021. "Review of Shikake: The Japanese Art of Shaping Behavior Through Design," *International Journal of Art, Culture and Design Technologies (IJACDT),* Vol. 10, No. 2, 57–60.

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Umbrello, Steven, 2019. "Moving to a Posthuman Technosphere," *Techné: Research in Philosophy and Technology*, Vol. 23, No. 1, 104–106. DOI: 10.5840/techne20192311

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Research Reports / Technical Reports

Vacek, Daniela; Staudacher, Klaus; Umbrello, Steven; Prem, Erich, 2026. *Designing for Trustworthy AI and Digital Humanism*. The European Digital Humanism Initiative (EUDHIT). DOI: 10.5281/zenodo.22960835

Umbrello, Steven, 2026. *Towards Digital Humanism Indicators: A background report comparing four core frameworks and the Vatican AI Guidelines* (Version 1.0). The European Digital Humanism Initiative (EUDHIT). https://eudhit.eu/publication/towards-digital-humanism-indicators/

Prem, Erich; Umbrello, Steven; Kitsara, Irene; Ferroli, Ferdinand; García Valbuena, Jorge; Tabarés, Raúl, 2026. *More EU funding for Digital Humanism* (Version 1, 2026). The European Digital Humanism Initiative (EUDHIT). DOI: 10.5281/zenodo.22115108

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Cannizzaro, Sara; Brooks, Laurence; Richardson, Kathleen; Umbrello, Steven; Bernstein, Michael J.; Adomaitis, Laurynas, 2021. *Methodology for ethical analysis, scan results of existing ethical codes and guidelines*. TechEthos Project Deliverable. https://www.techethos.eu/wp-content/uploads/2022/04/TechEthos-D2.1-Ethical-analysis-and-scan.pdf

Research Tools and Resources

Alliaj, Greta; Jouvenot, Fabrice; Paca, Cristina; Whittington-Davis, Andrew; Bernstein, Michael J.; Mehnert, Wenzel; Nishi, Masafumi; Umbrello, Steven; Vermaas, Pieter E., 2023. *TechEthos Game*. Zenodo. [Game]. DOI: 10.5281/zenodo.13928329

Umbrello, Steven; Gambelin, Olivia, 2021. *Value Sensitive Design: An Agile Toolkit*. ResearchGate. [Toolkit]. DOI: 10.13140/RG.2.2.18543.36006

CONFERENCES & WORKSHOPS

Conference and Workshop Organization

[Organizer] *Horizons in Ethics & Emerging Technologies,* Collegio Carlo Alberto, Turin, Italy, 16 April 2026.

[International Program Committee Member] *2025 International Conference on Industry 4.0 and Smart Manufacturing (ISM 2025)*, University of Malta, Malta, 12–14 November 2025.

[Track Chair] Ethics and Responsible Innovation in Industry 4.0, *2025 International Conference on Industry 4.0 and Smart Manufacturing (ISM 2025)*, University of Malta, Malta, 12–14 November 2025.

[International Program Committee Member] *2024 International Conference on Industry 4.0 and Smart Manufacturing (ISM 2024)*, Hotel Olšanka, Prague, Czech Republic, 19–22 November 2024.

[Track Chair] Ethics and Responsible Innovation in Industry 4.0, *2024 International Conference on Industry 4.0 and Smart Manufacturing (ISM 2024)*, Hotel Olšanka, Prague, Czech Republic, 19–22 November 2024.

[International Program Committee Member] *2023 International Conference on Industry 4.0 and Smart Manufacturing (ISM 2023)*, Upper Austria University of Applied Sciences, Linz, Austria, 22–24 November 2023.

[Track Chair] Ethics, Sustainability and Responsible Innovation in Industry 4.0, *2023 International Conference on Industry 4.0 and Smart Manufacturing (ISM 2023)*, Upper Austria University of Applied Sciences, Linz, Austria, 22–24 November 2023.

[Organizer] *New Pathways for a Sustainable Future: Science and Ethics for a Renewed Society*, Università degli Studi di Torino, Turin, Italy, 20 November 2023.

[Organizer] *2023 Emerging Technologies and the Future of Work Conference*, University of Massachusetts Boston, Boston, MA, 3–4 November 2023.

[Program Committee Member] *2023 Forum on Philosophy, Engineering and Technology* (*fPET2023)*, Delft University of Technology, Delft, 19–21 April 2023.

[Track Chair] Covid-19 and Vaccines, *Covid-19: Ethical Issues, Public Perceptions and Social Dynamics in Pandemic Responses*. Cross-Country and Cross-Cultural Comparisons, Università degli Studi di Torino, Torino, 4–5 November 2022.

[Track Chair] Ethical-legal reflection on dilemmas in pandemic management, *Covid-19: Ethical Issues, Public Perceptions and Social Dynamics in Pandemic Responses*. Cross-Country and Cross-Cultural Comparisons, Università degli Studi di Torino, Torino, 4–5 November 2022.

[Track Chair] Ethics and Ethical Engineering in Industry 4.0, *2022 International Conference on Industry 4.0 and Smart Manufacturing (ISM 2022)*, Upper Austria University of Applied Sciences, Linz, Austria, 2–4 November 2022.

[International Program Committee Member] *2022 International Conference on Industry 4.0 and Smart Manufacturing (ISM 2022)*, Upper Austria University of Applied Sciences, Linz, Austria, 2–4 November 2022.

[Track Chair] Bio-inspired Manufacturing & Ethical Aspects, *2021 International Conference on Industry 4.0 and Smart Manufacturing (ISM 2021)*, Upper Austria University of Applied Sciences, Linz, Austria, 17–19 November 2021.

[International Program Committee Member] *2021 International Conference on Industry 4.0 and Smart Manufacturing (ISM 2021)*, Upper Austria University of Applied Sciences, Linz, Austria, 17–19 November 2021.

[Program Committee Member] *2020 Forum on Philosophy, Engineering and Technology* (*fPET2020)*, 17–19 November 2020.

Invited Presentations

Umbrello, Steven, 2026. "Welcome, Introductions, and the CTT Research Journey," opening session of Workshop 2, Catholic Turing Test Initiative, *Builders AI Forum 2026*, Pontifical Gregorian University, Rome, Italy, 5 November 2026.

Umbrello, Steven, 2026. "Tests and Frameworks," Workshop 2, Catholic Turing Test Initiative, *Builders AI Forum 2026*, Pontifical Gregorian University, Rome, Italy, 5 November 2026.

Umbrello, Steven, 2026. "Precetti trascendentali e 'Costituzioni' dell'IA: verso un'intelligenza artificiale virtuosa per l'arte e l'esperienza religiosa," *Convegno Nazionale dell'Associazione Italiana di Filosofia della Religione*, Turin, Italy, 23 October 2026 (scheduled). [Italian]

Umbrello, Steven, 2025. "Encoded Values: How Design Choices in Medical AI Shape Human Flourishing," *Sources of Our Flourishing: Encounter and Presence*, Toronto, Canada, 24–26 October 2025.

Umbrello, Steven, 2025. "Can AI Ever Be Human? Consciousness, Personhood, and the Limits of Machine Intelligence," *A.I. Is Transforming Society: Are Catholics Ready?*, St. Mary's University, Calgary, Alberta, Canada, 10–11 October 2025.

Umbrello, Steven, 2025. "What AI Is—and What It Will Never Be," *A.I. Is Transforming Society: Are Catholics Ready?*, St. Mary's University, Calgary, Alberta, Canada, 10–11 October 2025.

Umbrello, Steven, 2025. "Progettare l'attenzione: un approccio etico al design e alla comunicazione," *L'attenzione nelle professioni della comunicazione e nella ricerca* (CIRCe 2025), Università degli Studi di Torino, Turin, Italy, 4 June 2025. [Italian]

Umbrello, Steven, 2024. "Il futuro della tecnologia. Progettazione etica e innovazione responsabile," *Artificial Life*, Università degli Studi di Napoli Federico II, Napoli, 19 November 2024. [Italian]

Umbrello, Steven, 2024. "The Digital Gaze: Surveillance, Privacy, and the Commodification of the Human Face," *The Last Face: Utopias and Dystopias of the Visage Ahead***,** Università degli Studi di Torino/Politecnico di Torino, Turin, Italy, 29 October 2024.

Umbrello, Steven, 2023. "Green Industry and Human Values," *New Pathways for a Sustainable future: Science and Ethics for a Renewed Society*, Università degli Studi di Torino, Turin, Italy, 20 November 2023.

Umbrello, Steven, 2023. "Oggetti Buoni: progettare tecnologie per i valori umani," *160° Mercoledì di Nexa*, Politecnico di Torino, Torino, 11 October 2023. [Italian]

Seskir, Zeki C.; Umbrello, Steven; Vermaas, Pieter E., 2023. "Exploring Pitfalls for Defence and Security by Narratives on Quantum Technologies," *IST-SET-198 Research Symposium on "Quantum Technology for Defence and Security*" (2023), Amsterdam, Netherlands, 3–4 October 2023.

Umbrello, Steven, 2023. "La questione dell'oggettività dei valori in IA," *Seminario Lonerganiano Piacentino 2023*, Università Cattolica del Sacro Cuore, Piacenza, Italy, 18 September 2023. [Italian]

Umbrello, Steven, 2022. "Geoengineering and technologies of planetary control," *Seminario di Bioetica*, Università degli Studi di Torino, Torino, 31 May 2022.

Umbrello, Steven, 2021. "The future of the digital global order: Algorithmic governance and artificial intelligence," *CIDOB Future Leaders Forum*, Online, 11 November 2021.

Umbrello, Steven; Yoo, Daisy, 2021. "Envisioning Better Futures with Value Sensitive Design," *Ethics – SEFI - European Society for Engineering Education*, Brussels, Belgium, 23 June 2021.

Umbrello, Steven, 2021. "Meaningful Human Control: A Solution of Military and Industry," *Swedish Security and Defense Industry Association (SOFF)*, Stockholm, Sweden, 24 May 2021.

Umbrello, Steven, 2021. "Shikake, Japanese Nudging, and Designing AI for Social Good," *AI and Art*, College of Design & Innovation, Tongji University, Shanghai, China, 20–21 May 2021.

Umbrello, Steven, 2021. "Etica Tecnologia e Innovazione Responsabile," *Rotary Club Rende*, Rende, Italy, 30 April 2021. [Italian]

Umbrello, Steven, 2021. "Gli artefatti hanno una politica? Etica della tecnologia per il ventunesimo secolo," *Rotary Club Vercelli*, Vercelli, Italy, 6 April 2021. [Italian]

Umbrello, Steven, 2020. "Extending Value Sensitive Design to Artificial Intelligence," *AiTech Agora*, Delft University of Technology, Delft, Netherlands, 21 October 2020.

Gazzaneo, Lucia; Padovano, Antonio; Umbrello, Steven, 2019. "Designing Smart Operator 4.0 for Human Values: A Value Sensitive Design Approach," International Conference on Industry 4.0 and Smart Manufacturing (ISM 2019), Rende, Italy, 20–22 November 2019. DOI: 10.13140/RG.2.2.27605.99044

Umbrello, Steven, 2016. "Nootropics: The Current Trend of Personal Cognitive Enhancement," *2016 Workshop in Transhumanism*. LUMEN Research Center in Social and Humanistic Sciences, Romania, 15 April 2016.

Conference Panel Discussions

Umbrello, Steven, 2027. "Thomism and AI: Metaphysics, Ethics, Epistemology," international conference and meeting of the Thomism and AI Working Group, Pontifical University of St. Thomas Aquinas - Angelicum, Rome, Italy, 25–26 November 2027 (scheduled). [Invited participant]

Umbrello, Steven, 2026. "Magnifica Humanitas: Artificial Intelligence, Freedom, and the Safeguarding of Human Dignity," invitation-only roundtable, Acton Institute and Liberty Fund, Roma Giustiniano Hotel, Rome, Italy, 2–4 December 2026 (scheduled). [Invited participant]

Prem, Erich; Staudacher, Klaus; Pretschner, Alexander; Zuber, Niina; Umbrello, Steven, 2026. "Roundtable: A Digital Future Worth Living: From Ethical Principles to Practice in Software Engineering," *bidt Digital Transformation Research Conference 2026*, Bavarian Academy of Sciences (BAdW), Munich, 19–20 November 2026.

Davenport, Thomas; Saladino, John; Umbrello, Steven, 2026. "Scientific assessments of AI personhood," *AI Personhood: A Catholic Response*, Angelicum, Rome, Italy, 4 November 2026.

Umbrello, Steven; Cancelli, Paolo; Gimigliano, Giuseppe; Bellov, Martin; Talamo, Sergio; Augenti, Adriana; Poli, Clarissa Rachele, 2026. "Tavola Rotonda 'Umano e Giurisdizione'," *Umano e Giurisdizione: Rappresentanza, Difesa e Nuove Fragilità*, Palazzo D'Avalos – Musei Civici, Vasto, 14 May 2026. [Italian]

Umbrello, Steven; Lupetti, Maria Luce; Forlano, Laura; Santoni de Sio, Filippo, 2024. "Filosofie del design a confronto," *Biennale Tecnologia*, Politecnico di Torino, Torino, 21 April 2024.

Van den Hoven, Jeroen; Boshuijzen-van Burken, Christine; Umbrello, Steven; Aguerre, Carolina; Ruttkamp, Emma, 2023. "Value Sensitive Design - Designing for Values," *REAIM 2023 – Responsible AI in the Military Domain Summit*, World Forum Convention Center, The Hague, 15–16 February 2023.

Facco, Simona; Schiaffonati, Viola; Umbrello, Steven; Galletti, Matteo, 2022. "Le Questioni di Giustizia Della Medicina Intelligente," *La Cura Infermieristica nel Tempo Dell'Intelligenza Artificiale*, Università degli Studi di Torino, Torino, Italy, 11 June 2022.

Merchant, Jennifer; Bamford, Rebecca; Larrey, Fr. Philip; Chan, Sarah; Balistreri, Maurizio; Umbrello, Steven; Donatelli, Piergiorgio, 2022. "International Symposium on Sorgner's 'We Have Always Been Cyborgs'," John Cabot University, Rome, Italy, 31 March 2022.

Balistreri, Maurizio; Galvagni, Lucia; Umbrello, Steven; Zara, Giorgia, 2021. "Carebots, moral issues and ethical design," *Living in the New Era: Technology, Creativity and Science Fiction*, Shanghai Jiao Tong University, Shanghai, China, 26–28 November 2021.

Buttarelli, Anna Rosa; Poccianti, Piero; Umbrello, Steven; Varanini, Francesco, 2021. "Il rilievo politico dell'Intelligenza Artificiale e la produzione normativa a proposito di Intelligenza Artificiale," *AIxIA 2021, The 20th International Conference of the Italian Association for Artificial Intelligence*, Casa della Cultura di Milano, Milano, Italy, 16 November 2021.

Friedman, Batya; Hendry, David; Umbrello, Steven; van den Hoven, Jeroen; Yoo, Daisy, 2020. "Panel: The Future of Value Sensitive Design," *ETHICOMP 2020: Paradigm Shifts in ICT Ethics: Societal Challenges in the Smart Society*, La Rioja University, Logroño, Spain, 17–19 June 2020.

Conference Oral Presentations

Comoretto, Rosanna Irene; Clari, Marco; Conti, Alessio; Wami, Welcome; Balistreri, Maurizio; Brenner, Rachel; Klaassen, Pim; Umbrello, Steven; Agusni, Regitta; Perdhana, Fajar; Andryianto, Lucky; Putri, Annisa Ika; De Sabbata, Kevin, 2023. "Citizens' perceptions of ethical issues related to COVID-19 containment measures: A cross-cultural quantitative study," *APHA 2023 Annual Meeting and Expo*, Atlanta, 12–15 November 2023.

Lonchampt, Pierre; Nakisa, Bahareh; Umbrello, Steven, 2021. "Regulations and ethics of AI applications in mental health – a complicated formula," *2021 Symposium on Artificial Intelligence in Mental Health*, The University of Melbourne, Melbourne, Australia, 26 November 2021.

Lonchampt, Pierre; Pegram, Caroline; Nakisa, Bahareh; Umbrello, Steven, 2021. "Music and mental health - a fertile but challenging ground for art, science and entrepreneurship," *2021 Symposium on Artificial Intelligence in Mental Health*, The University of Melbourne, Melbourne, Australia, 25 November 2021.

Dennis, Matthew J.; Umbrello, Steven, 2021. "Post-Pandemic Value Change: The Danger of a Digitally Divided World," *Changing Values, Changing Technologies*, Delft University of Technology, Delft, Netherlands, 12–13 October 2021.

Barrué, Cristian; Cortés, Atia; Dedopoulou, Angeliki; Foffano, Francesca; Gonzalez, Barbara Urban; Tubella, Andrea Aler; Scantamburlo, Teresa; Umbrello, Steven, 2021. "Compiling AI Ethics courses across Higher Education in the EU," *The Culture of Trustworthy AI. Public debate, education, practical learning*, Venice - Island of San Servolo, Italy, 2–3 September 2021.

Umbrello, Steven, 2020. "Designing AI Towards Sustainable Development Goals: A Value Sensitive Design Approach," *Forum on Philosophy, Engineering and Technology (fPET2020)*. [Online], 17–19 November 2020.

Umbrello, Steven, 2020. "Mapping Value Sensitive Design onto AI for Social Good Principles," *XXIX Convegno nazionale dei dottorati di ricerca in Filosofia*, Fondazione Collegio San Carlo, Modena, Italy, 2–3 September 2020. DOI: 10.13140/RG.2.2.15765.14566

Umbrello, Steven, 2018. "Intuiting Safe Design: Strengthening Design-for-Values Frameworks," *Forum on Philosophy, Engineering, and Technology (fPET 2018)*. University of Maryland, USA, 30 May–1 June 2018.

Umbrello, Steven, 2018. "Safe-by-Design: Principled Methods for Embedding Values in Transformative Technologies," S*ixth Annual Conference on Governance of Emerging Technologies: Law, Policy, and Ethics*. Arizona State University, USA, 16–18 May 2018.

Umbrello, Steven, 2018. "Theological Determinism to Technological Determinism: The Secularization of Eschatological Narratives," *NESTS - Northeast Science and Technology Studies Conference*. Cornell University, USA, 3–4 March 2018.

Umbrello, Steven, 2018. "The Future of Value Sensitive Design," *Reformatting the World: An Interdisciplinary Conference on Technology and Humanities*. York University, Canada, 23–24 February 2018.

Umbrello, Steven, 2017. "Duoploding the Apocalypse: A Writing Instrument for Ecological Thought," O*bject Lessons | Technoscientific Cultures, 3rd Annual Conference*. York University, Canada.

Attended Conferences/Workshops

"Builders AI Forum," Pontifical Gregorian University, Rome, Italy, 6–7 November 2025.

"Magic, Technology, and the Future of Humanity," 8th Posthuman Studies Workshop, John Cabot University, Rome, Italy, 3 December 2022.

"From UCAVs to LAWS: The Perception and Reality of Unmanned Weapons," Drone Wars UK, Online, 7 April 2021.

"Basics of Project Writing (Plenary Session)," Università degli Studi di Torino, Online, 1 February 2021.

The (In) Justice of AI, TPM AI-Lab Online Conference, Delft University of Technology, Delft, Netherlands, Online, 11 November 2020.

Authors Workshop: "How to make the most out of your scientific paper," Servizi Bibliotecari, Polo Scienze della Natura, Università degli Studi di Torino, Torino, Italy, Online, 15 July 2020.

COVID-19 apps and ethical considerations, Oxford Internet Institute, Online, 27 May 2020**.**

AI Ethics: Public Consultation On Scotland's AI Strategy, Montreal AI Ethics Institute, Online, 4 May 2020.

Impact Masterclass - Design e Filosofia: Politiche della Natura, Cottino Social Impact Campus, Online, 27 April 2020. [Italian]

2020 CMU Symposium on AI and Social Good, Carnegie Mellon University, Online, 23–24 April 2020.

Zoom Into AI & Healthcare: Ethics Workshop on COVID-19, Ethical Intelligence, Online, 22 April 2020.

"Luoghi e progetti dell'innovazione sulle tracce di L. Gallino," Hosted by Laboratorio Luciano Gallino, Università di Torino, Torino, Italy, 10 December 2019. [Italian]

"Forms, History, Narrations, Big Data: Morphology and Historical Sequence (Forme, Storie, Narrazioni, Big Data: Morfologia e Diacronia)," Università di Torino, Torino, Italy, 21–22 November 2019.

"Exploring Values in Technology Across Methods and Disciplines," Delft University of Technology, Delft, Netherlands, 31 October–1 November 2019.

"Horizon Europe and Project Writing," Università di Torino, Torino, Italy, 25 October 2019.

Lezione di Francesco Verso "Fantascienza e Filosofia", Università di Torino, Torino, Italy, 13 May 2019. [Italian]

Presentazione del Libro di Pierpaolo Marrone, Università di Torino, Torino, Italy, 13 May 2019. [Italian]

"Drawing the Future Through Innovation" from Leonardo to Emerging Technologies, Ethics & Compliance Forum ITALIA, Torino, Italy, 9–10 May 2019.

"Medicina e Nuove Tecnologie: Dalle Apps al Robot, Come Cambia il Volto Della Cura," Workshop Internazionale, Università di Torino, Torino, Italy, 30 April 2019. [Italian]

Global AI Governance Framework Team, AI Safety Camp, Ávila, Spain, 26 April–5 May 2019.

Ethics in Emerging Tech, Innovation Hub Berlin, Berlin, Germany, 1 March 2019.

"Beyond Anthropocentrism," 2nd Posthuman Studies Workshop, John Cabot University, Rome, Italy, 9 February 2019.

"I robot nell'assistenza delle persone fragili," Università degli Studi di Torino, Torino, Italy, 5 February 2019.

Reimagining the Future of Engineering, Forum on Philosophy, Engineering and Technology, University of Maryland, USA, 30 May 2018.

Knowledge Mobilization: Planning and Practice, York University, Canada, 2 January 2018.

MEDIA APPEARANCES

Umbrello, Steven, 2024. "Ep. 42 - Genetic Engineering and Reproductive Ethics with Steven Umbrello," *Coffee, Commerce & Catechesis*, Travis Callaway and Rigel Jose Raju (Hosts) [Podcast].

Umbrello, Steven, 2024. "Ep. 19 - AI vs Human Consciousness with Steven Umbrello," *Coffee, Commerce & Catechesis*, Travis Callaway and Rigel Jose Raju (Hosts) [Podcast].

Umbrello, Steven, 2024. "The A.I. Hype Won't Last. Ft. Steven Umbrello," *60 Second Philosophy* [Podcast].

Umbrello, Steven, 2024. "Technology Ethics | Value Sensitive Design for Artificial Intelligence | Steven Umbrello | Episode 3," *ideaXme* [Podcast].

Umbrello, Steven, 2024. "Technology Ethics | Design Principles to Create Technology for Good | Steven Umbrello | Episode 2," *ideaXme* [Podcast].

Umbrello, Steven, 2024. "Technology Ethics | How we talk about Technologies | Steven Umbrello | Episode 1," *ideaXme* [Podcast].

Umbrello, Steven, 2022. "Designed for Death: Robots, Control and War," *Future of Work Lecture Series*, James Hughes (Host) [Podcast].

Umbrello, Steven, 2022. "Is Artificial Intelligence A Threat To Human Existence? | Opposing Views," *Mikhaila Peterson Podcast*, Mikhaila Peterson (Host) [Podcast].

Umbrello, Steven, 2021. "Episode #69: Why AI & ML Engineers Should Incorporate Value Sensitive Design Into Their Models – Institute for Ethics and Emerging Technologies' Steven Umbrello," *Intelligent Automation Radio*, Guy Nadivi (Host) [Podcast].

Umbrello, Steven, 2021. "57. Value Sensitive Design with Steven Umbrello," *Machine Ethics Podcast*, Ben Byford (Host) [Podcast].

Umbrello, Steven, 2021. "How We Can Design Autonomous Systems for Values with Steven Umbrello," *HumAIn Podcast*, David Yakobovitch (Host) [Podcast].

Umbrello, Steven, 2021. "Interview With Steven Umbrello: Ethics, Technology and the Future of Work," *The Ritz Herald*, Ryan Offman (Journalist) [Online Newspaper].

Umbrello, Steven, 2021. "Killer Robots and Value Sensitive Design with Steven Umbrello," *The Radical AI Podcast*, Dylan Thomas Doyle & Jessie J. Smith (Hosts) [Podcast].

Umbrello, Steven, 2021. "Tecnologia e libertà: sorelle o nemiche?" *Techprincess*, Claudio Begnasco (Journalist) [Online Newspaper]. [Italian]

Umbrello, Steven, 2021. "Etica della Tecnologia," *La Sesia*, Alessia Bazzano (Reporter) [Print/Online Newspaper]. [Italian]

Umbrello, Steven, 2021. "Will Robots Take Your Job? It Depends," *Techopedia*, Terri Williams (Reporter) [Online Magazine].

Umbrello, Steven, 2021. "Episode #23 Steven Umbrello, MA, MSc (Philosophy of Technology)," *Into the Absurd*, Gregory Gravelle (Host) [Podcast].

Umbrello, Steven, 2021. "Value Sensitive Design with Steven Umbrello," *The Ethics Equation*, Olivia Gambelin (Host) [Podcast].

Umbrello, Steven, 2020. "Towards an Ethics of Technology," *Impactscool Magazine*, La Redazione (Editorial) [Online Magazine].

Baum, Seth; Bassett, Stephen; Denkenberger, David; Umbrello, Steven, 2016. "Disclosure & Identity," *Quantum Earth*, Frederic Eger (Host) [TV Series Documentary].

PROJECT GROUPS

2026–present [Member] Thomism and AI Working Group. International research collaboration examining artificial intelligence through Thomistic metaphysics, ethics, epistemology, and theology. Coordinators: Kenny Ang (Pontifical University of the Holy Cross) and Piotr Roszak (Nicolaus Copernicus University).

2022 – 2024 [Associated Member] Technological change, sustainability, and society (TCSS) research group. Principal investigator: Henrik Skaug Sætra (Østfold University College).

2021 – 2023 [Member] International Research Group on "Contemporary Horizons in Human Reproduction: ART, AI and Biomedical Innovations Via the Prism of Philosophy, Anthropology and Politics".

2020 – 2022 [Member] International Research Group (Italy Working Group) on "Moral Issues in the Covid-19 Crisis: normative problems and citizens' perceptions", principal investigator: Kevin De Sabbata (Athena Institute, Vrije Universiteit Amsterdam).

2020 – 2021 [Member] AI4EU Education & AI Working Group "AI4EU", European Union's Horizon 2020 research and innovation programme under grant agreement 825619.

SCHOLARSHIPS

"Study in Italy" MIUR Italian Government Scholarship (2018/2019)	EUR 8,100
Travel Grant – Governance of Emerging Technologies Conference (2018)	USD 600
York University Graduate Development Bursary (2018)	CAD 350
York University Graduate Fellowship (Master's) (2017/2018)	CAD 11,000
York University CUPE 3903 Graduate Union GFA (2017/2018)	CAD 1,260

HONOURS & AWARDS

2021 **Santander-CIDOB 35 under 35 List** – Barcelona Centre for International Affairs
2019 **Top Peer Reviewer (Top 1% Social Sciences)** – Publons
2018 **Excellent Reviewing Award (8th worldwide)** – Publons
2017 **Outstanding Contribution in Reviewing** – Futures (Elsevier)
2016 **Honours Distinction** – University of Toronto
2012 – 2014 **Certificate of Appreciation (Accessibility Resources)** – University of Toronto
2011 **Ontario Scholar Award** – Holy Cross Catholic Academy
2011 **Certificate of Merit** – Holy Cross Catholic Academy
2010 – 2011 **Honour Roll** – Holy Cross Catholic Academy

COURSES

Certificate in Putting Ethics into Action
Mar 2020 – Apr 2020
Ethical Intelligence Associates

- A comprehensive immersion into technology and AI ethics designed specifically to develop ethical literacy in technology backed by an in-depth understanding of contemporary research.

Certificate in Responsible Innovation: Ethics, Safety, and Technology
Apr 2016 – June 2016
Delft University of Technology

- Engaged with concepts surrounding how to deal with risks and ethical questions raised by the development of new technologies.

Certificate in Global Health Case Studies from a Biosocial Perspective
Feb 2016 – May 2016
Harvard University

- Investigated what the field of global health comprises, how global health problems are defined and constructed, and how global health interventions play out in both expected and unexpected ways.

PROFESSIONAL MEMBERSHIPS

2026–present [Member] Society for Applied Philosophy
2026–present [Governing Council Member] Società Italiana di Studi Lonerganiani
2024–present [Member] Scienza E Fede sull'Interpretazione del Reale (Nuovo SEFIR)
2023–present [Member] Società Italiana di Astrobiologia (SIA)
2022–present [Member] Società Italiana di Filosofia Morale (SIFM)
2022–present [Member] Società Filosofica Italiana (SFI)
2021–2022 [Member] Società Italiana per l'Etica dell'Intelligenza Artificiale
2020–2021 [Member] Society for Philosophy and Technology
2019 [Member] IEEE Computer Society
2019 [Member] IEEE Robotics and Automation Society
2015–2017 [Review Board] Transhumanist Policy Center
2015–2017 [Senior Member (Professional)] The Foundation for Responsible Robotics
2014–2016 [Member] Philosophy of Science Association
2014–2016 [Member] Joint Caucus of Socially Engaged Philosophers & Historians of Science
2015–2016 [Member] History of Science Society
2014–2016 [Member] The Aristotelian Society

VOLUNTEER POSITIONS

2020–present [Foundation Advisory Board] International AIQT Foundation
2015–2016 [Advisory Board] Institute for Ethics and Emerging Technologies
2014–2015 [Intern] The Richard Dawkins Foundation for Reason & Science
2014–2015 [Intern] Canadian Bookbinders and Book Artists Guild
2012–2014 [Note Taker] The University of Toronto Accessibility Resource Centre
2007–2011 [Intern] ALS Society of Canada