



# INSTITUTE FOR ETHICS AND EMERGING TECHNOLOGIES

## 2024 Progress Report & 2025 Plans

June 2024

# Introduction

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Due to your invaluable support, our team at the IEET has expanded impressively, further strengthened by our synergistic partnership and joint funding with the Otten Trust, the Department of Philosophy and Educational Sciences at the University of Turin and the Applied Ethics Center at the University of Massachusetts Boston.

We believe in the power of transparency and share our achievements not just to keep you informed, but also to inspire you to join hands with us as we step into a pivotal 2025. The heartbeat of IEET lies in championing technoprogressive values, not just through groundbreaking research, but by forging alliances across sectors to turn theory into tangible results. Are you ready to be a part of IEET's visionary journey?

Below, you'll discover our 2024 achievements and our ambitious roadmap for 2025.

# Research Fellowships

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## 2022-2024 Future of Work Program

In the coming decade, IEET is set on advancing and delving into technoprogessivism through scholarly research. To achieve this, we've crafted postdoctoral fellowship programs tailored to empower recent doctoral graduates to explore technoprogessivism and its intertwined academic sectors. Generous donations in 2020 enabled us to fund the inaugural fellowship of our three planned programs.

In 2024 we concluded Alec Stubb's Post-Doctoral Research Fellowship on the "Future of Work in collaboration with the Applied Ethics Center (AEC) at the University of Massachusetts Boston. Likewise, we have renewed our collaboration with Cristiano Calì, our Post-Doctoral Research Fellowship on the "Human Bioenhancement" in collaboration with the University of Turin (Italy).

## 2024-2026 BCI Program

In 2024, we hired our third postdoctoral fellow, Cody Turner, in collaboration with the AEC on "AI and Cognition".

The AI and Cognition Fellow will be expected to teach between one and two courses per year, write academic articles for publication, and present at relevant conferences in consultation with the AEC and IEET. Fellows will be expected to help raise awareness of these issues as a guest classroom lecturer by writing popular essays and being a press contact for interviews and podcasts. The Fellow will help organize lectures on these topics by emerging and established scholars. The Fellowship will be capped by a conference on AI and Human Cognition. The Fellow will work with the AEC and IEET to plan the conference and related publications.

Cody Turner will focus on philosophical questions related to the integration of artificial intelligence with human cognition such as the extended cognition approach including electronic devices; the interpenetration and coevolution of technology and the self; neurodevices' challenge to concepts of autonomy and personal identity; the challenge of neuromodulation to hedonic consequentialism and virtue ethics; the epistemological uncertainty of a future of immersive virtual reality; and the ethics of radical longevity and uploading.

# Open Access Research

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Central to IEET's goal in the promotion of technoprogressive research is in the publication of peer-reviewed papers in high impact journals. However, in order to promote transparency as well as stimulate the dissemination of this important knowledge, the IEET aims to publish their papers Open Access (OA).

## Why is Open Access Important?

The majority of publishers, not the authors, own the rights to the articles that are published in their repertoire of journals. Anyone who wants to read the articles in these journals faces a paywall and must pay to access them. Universities and similar research institutions, as well as some libraries often negotiate subscriptions to these journals to help their affiliated researchers and students to have access. Despite this access, students, researchers, or any other individuals can reuse any part of that research without permission from the publisher, often at the cost of an additional fee. The burden of OA however lies at the feet of the individual researcher to cover the fee that the publisher would otherwise lose given its free distribution and their forfeiting of copyright. Open Access, then is an affirmation of true scientific progress and directly aligned with the enlightenment values central to technoprogressivism, more specifically, in the free and ubiquitous dissemination of knowledge.

With your donations, the IEET can become a force multiplier in the promotion of technoprogressivism by providing its research to all interested parties free of charge, and encourage its dissemination and promotion across all domains.

## Open Access Articles Published in 2024

- Umbrello, Steven; Balistreri, Maurizio, 2024. "Human Enhancement and Reproductive Ethics on Generation Ships," *Argumenta*, forthcoming. DOI: 10.14275/2465-2334/20230.umb
- Umbrello, Steven; Seskir, Zeki C.; Vermaas, Pieter E., 2024. "Communities of Quantum Technologies: Stakeholder Identification, Legitimation, and Interaction," *International Journal of Quantum Information*. DOI: 10.1142/S0219749924500126
- Umbrello, Steven, 2024. "Ethics of Quantum Technologies: A Scoping Review," *International Journal of Applied Philosophy*, Vol. 37, No. 2, 179-204. DOI: 10.5840/ijap202448201
- Balistreri, Maurizio; Umbrello, Steven, 2024. "The Ethics of Space Travelling and Extraterrestrial Colonization," *Ragion Pratica*, Vol. 62, (June 2024), 155-169.
- Umbrello, Steven, 2024. "Dalla Soggettività all'Oggettività: La Filosofia di Bernard Lonergan come Fondamento per il Design Sensibile ai Valori," *Archivio teologico torinese*, Vol. 1, (2024), 161-171.
- Striano, Francesco; Serrano, Gemma; Umbrello, Steven, 2024. "Digital Humanism as a Bottom-Up Ethics," *Journal of Responsible Technology*, Special Issue: "Frontiers in Digital Humanism," Vol. 17, (June), 100082. DOI: 10.1016/j.jrt.2024.100082

# Working to Ensure that Humanity Survives and Thrives in the 21st Century

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The Institute for Ethics and Emerging Technologies is a nonprofit think tank which promotes ideas about how technological progress can increase freedom, happiness, and human flourishing in democratic societies. We believe that technological progress can be a catalyst for positive human development so long as we ensure that technologies are safe and equitably distributed. We call this a “technoprogressive” orientation.

## WHAT WE DO

The Institute for Ethics and Emerging Technologies was formed to study and debate vital questions such as:

- Which technologies, especially new ones, are likely to have the greatest impact on human beings and human societies in the 21st century?
- What ethical issues do those technologies and their applications raise for humans, our civilization, and our world?
- How much can we extrapolate from the past and how much accelerating change should we anticipate?
- What sort of policy positions can be recommended to promote the best possible outcomes for individuals and societies?

## MISSION

The IEET’s mission is to be a center for voices arguing for a responsible, constructive, ethical approach to the most powerful emerging technologies. We believe that technological progress can be a catalyst for positive human development as long as we ensure that technologies are safe and equitably distributed. We call this a “technoprogressive” orientation.

We aim to showcase technoprogressive ideas about how technological progress can increase freedom, happiness, and human flourishing in democratic societies. Focusing on emerging technologies that have the potential to positively transform social conditions and the quality of human lives—especially “human enhancement technologies” — the IEET seeks to cultivate academic, professional, and popular understanding of their implications, both positive and negative, and to encourage responsible public policies for their safe and equitable use.

## HISTORY

The Institute for Ethics and Emerging Technologies was founded in 2004 by philosopher Nick Bostrom and bioethicist James J. Hughes, and is incorporated as a nonprofit organization in the United States. The IEET's Board of Directors currently come from Canada, the UK, and the United States. By promoting and publicizing the work of thinkers who examine the social implications of scientific and technological progress, we seek to contribute to the understanding of the impact of emerging technologies on individuals and societies. We also aim to shape public policies that distribute the benefits and reduce the risks of technological advancement.

## IEET'S PURPOSE

The liberal democratic revolution, centuries old and still growing strong, has at its core the idea that people are happiest when they have rational control over their lives. Reason, science, and technology provide one kind of control, slowly freeing us from ignorance, toil, pain, and disease. Democracy provides control through civil liberties and electoral participation.

Technology and democracy complement one another, ensuring that safe technology is generally accessible and democratically accountable. The convergence of nanotechnology, biotechnology, information technology, and cognitive science in the coming decades will give us unimaginable technological mastery of nature and ourselves. That mastery requires progressive democratization.

Our purpose, therefore, is to stimulate and support constructive study of ethical issues connected with these powerful emerging technologies.

## The Debate Over Emerging Technologies

In the next fifty years, artificial intelligence, nanotechnology, genetic engineering, and cognitive science will allow human beings to transcend the limitations of the human body. Healthy lifespans will extend well beyond a century. Our senses and cognition will be enhanced. We will have greater control over our emotions and memory. Our bodies and brains will be surrounded by and merged with computer power. We will use these technologies to redesign ourselves and our children in ways that push the boundaries of "humanness."

The prospect of rapid change in the human condition understandably worries many people. Now a loose coalition of groups has emerged to forbid human enhancement—from genetic therapies and psychopharmaceuticals to prosthetic organs and nanomedical robotics. This "bioconservative" coalition is diverse, including some bioethicists, religious conservatives, disability rights, and environmental activists, and leftist critics of biotechnology.

The IEET believes this debate desperately needs voices that avoid these extremes, voices that argue for the potential benefits of new technologies while proposing realistic policies to mitigate their risks within a strong democratic framework.

## Defending Rights While Taking Risks Seriously

Responding to the polarization of the debate between technophobes and anti-regulatory technophiles, an emerging global network of technoprogressive thinkers are defending individuals' rights to use human enhancement technologies, while taking seriously the need to regulate their safety and social consequences. Technoprogessives address questions such as peoples' right to use—and not use—cognitive enhancement technologies in an increasingly competitive society.

How much clinical testing will be necessary to ensure the safety of genetic enhancements? How can we regulate psychoactive drugs in a way that respects cognitive liberty? When should parents be permitted to genetically enhance their children? How can we avoid exacerbating inequality as human enhancement technologies spread? Which enhancement therapies should be provided through the market and which as a right of citizenship through universal health plans?

As yet there has been no institutional home for the consideration of these ethical challenges of emerging technologies free from both technophobic red herrings, such as anxieties about transgressing the boundaries of humanness and human reason, and from anti-regulatory dogmas that reject democratic public policy as an avenue to address future risks. The Institute for Ethics and Emerging Technologies intends to fill that gap.

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## A Focus on Individuals and Societies

Personal enhancement—potentially transforming some humans into posthumans—is an obvious and necessary area of study for the IEET. But the recognition that all individuals exist within societies, and that personal choices may overlap the rights of others within those societies, makes the work of IEET scholars more complex and also more urgent.

As technoproggressives, we want to see all sentient beings protected in their rights for self-augmentation, enhancement, or modification, and we want everyone to have fair and equal access to such treatments. However, we believe those technologies must be tested for safety and efficacy, and made universally accessible. Their consequences for society will be profound, and need to be thoroughly considered.

Similarly, we affirm the possibility of a bountiful technological future. But we believe robust efforts are required to ensure that the path of technological development is safe, sustainable, and offers abundance for all.

We desire to live in a world where peace and security are considered a given everywhere around the globe. Thus, we encourage activism that reaches across ethnic, cultural, and geographic lines, especially when those initiatives involve transnational cooperation.

We strongly support the use of emerging technologies to extend human capacities for knowledge, understanding, communication, and wise decision-making.

Ultimately we want to see the enforcement of international law and human rights agreements, such as the Universal Declaration of Human Rights, promising fundamental freedoms, health, welfare, and education for all. We also want to see an extension of international human rights to include the rights to bodily autonomy, reproductive choice, and cognitive liberty for all persons.

We place great value on a healthy biosphere, realized through a combination of wise democratic action and the responsible deployment of powerful new technologies. We favor expanded, enlightened definitions of personhood, to take in all sentient beings, whether human in origin or not. We look forward to increased equality of opportunity, decreased suffering, and flourishing diversity in human and posthuman development.

# IEET Activities

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Over the last eighteen years, the IEET has built a network of the most visionary thinkers and activists working on the policy implications of emerging technologies.

**Fellows and Interns** – Since 2004 IEET Fellows have written hundreds of op-eds, journal articles and book chapters, and the IEET has promoted their work through the IEET website and publications. About ten interns have worked with our fifteen fellows, doing research, editing manuscripts and assisting with IEET projects.

**Media outreach** – Through social media and the provision of qualified spokespersons, the Institute disseminates key policy ideas that address emerging technologies. The IEET community is active on Twitter and Facebook and maintains a Youtube channel.

**Networking Scholars and Organizations** - We are building a database of scholars and networking with organizations working on our topics from similar points of view.

**Conferences, Speaker Tours, and Speakers Bureau** - The IEET has organized speaker series, conferences, and one-day seminars in Europe and North America to promote discussion of techoprogressive policy ideas.



# IEET Publications

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## JEET

The IEET publishes the *Journal of Ethics and Emerging Technologies* (formerly the Journal of Evolution and Technology) on the IEET website. JEET is a scholarly peer-reviewed journal, published since 1998. JEET welcomes submissions on subject matters that many mainstream journals shun as too speculative, radical, or interdisciplinary relating to emerging technologies and the future. JEET's editor-in-chief is the philosopher Mark Walker.

Recent articles published by JEET include:

- Teresa Caporale: ["Food Choice as an Ethical Practice: Top-Down and Bottom-Up Approaches to a Possible Synthesis"](#)
- Luca Lo Sapio: ["Antinatalist procreationism and humanity's cosmic significance"](#)

A forthcoming special issue on ["Transhumanism and Islam"](#) will be published as the second issue (July-Dec 2024) of JEET.

## White Papers

The IEET publishes position papers that address the benefits and risks of emerging technologies from a technoprogressive point of view. The IEET and the AEC have one whitepaper so far in 2024:

[The Ethics of Automating Therapy.](#)

# IEET Publications

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## Books

Collectively IEET Fellows and staff have authored dozens of books on technoprogressive themes. The IEET has signed a contract with De Gruyter to produce a series on the *Politics of Human Enhancement*. The first volume, the *Biopolitics of Human Enhancement*, was released in 2024. The second volume, *The Theology of Human Enhancement in Western Traditions*, is slated to be published in 2025.

### Steven Umbrello

- IEET Managing Director Steven Umbrello published a book in the Summer of 2024 with Polity for the *Technology Ethics: Responsible Innovation and Design Strategies*, which was financed by the IEET.

### Cristiano Cali

- Il libero arbitrio in questione. Una ricerca tra filosofia, scienze e intelligenza artificiale, Mimesis, Milano 2024

## Recent Articles Published by IEET Staff

### James Hughes

- "Self-Absorption in the Digital Era: A Review of 'Self-Improvement: Technologies of the Soul in the Age of Artificial Intelligence' by Mark Coeckelbergh," *Journal of Ethics and Emerging Technologies* 33 (1), 1-2

### Cristiano Cali

- "The free will involved. A research between philosophy, science and artificial intelligence," *Mimesis* 6(1):635.
- "How technology changes us. AI agency and the cognitive ability to make rational decisions" *S&F Science and Philosophy* 2023, 30: 366-385

# IEET Publications

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## Alec Stubbs

- "Automation, artificial intelligence and the good/useless divide," *Perspectives on Global Development and Technology* 16 (6), 700-716
- Burley, Jake, and Alec Stubbs. "Emerging Technologies & Higher Education." IEET-AEC White Paper #2. (2023).

## Jacob Burley

- Burley, Jake, and Nir Eisikovits. "Workplace automation and political replacement: a valid analogy?." *AI and Ethics* 3.4 (2023): 1361-1370.
- Burley, Jake, and Alec Stubbs. "Emerging Technologies & Higher Education." IEET-AEC White Paper #2. (2023).

## Steven Umbrello

- Umbrello, Steven, Zeki C. Seskir, and Pieter E. Vermaas. "Communities of Quantum Technologies: Stakeholder Identification, Legitimation, and Interaction." *International Journal of Quantum Information* (2024): 1-25.
- Umbrello, Steven. "Emotions and Automation in a High-Tech Workplace: a Commentary." *Philosophy & Technology* 36.1 (2023): 12.
- Serrano, Gemma, Francesco Striano, and Steven Umbrello. "Digital humanism as a bottom-up ethics." *Journal of Responsible Technology* 18 (2024): 100082.
- Steven Umbrello, Nathan G. Wood. "Environmental, Social, and Corporate Governance and the Threat of Authoritarianism," in *Shaping the Future: Sustainability and Technology at the Crossroads of Arts and Science*. (2024). Graffeg: 77-81
- Umbrello, Steven, et al. "From speculation to reality: Enhancing anticipatory ethics for emerging technologies (ATE) in practice." *Technology in Society* 74 (2023): 102325.
- Capasso, Marianna, and Steven Umbrello. "Sustainable Climate Engineering Innovation and the Need for Accountability." *Technology and Sustainable Development* (2023): 35.
- Umbrello, Steven, and Olivia Gambelin. "Agile as a vehicle for values: A value sensitive design toolkit." *Rethinking Technology and Engineering: Dialogues Across Disciplines and Geographies*. Cham: Springer International Publishing, 2023. 169-181.
- Seskir, Zeki C., et al. "Democratization of quantum technologies." *Quantum Science and Technology* 8.2 (2023): 024005.
- Umbrello, Steven, and Maurizio Balistreri. "Human enhancement and reproductive ethics on generation ships." *ARGUMENTA* (2023): 1-15.
- Balistreri, Maurizio, and Steven Umbrello. "Modifying the environment or human nature? What is the right choice for space travel and Mars colonisation?." *NanoEthics* 17.1 (2023): 5.

# IEET Programs

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The IEET is currently focused on two broad areas of emerging technologies, human enhancement and artificial intelligence. These programs are supported by your gifts, and by a generous bequest from the Otten Trust.

## **Artificial Intelligence and the Future of Work**

From 2022 to 2024, in collaboration with the Applied Ethics Center (AEC) at the University of Massachusetts Boston, we will be focusing on the impacts of AI and automation on the future of work. Alec Stubbs, the first IEET/AEC Postdoctoral Fellow on the Future of Work, has been the cornerstone of this project. Alec's focus is broadly on automation, artificial intelligence, and the digital economy, with a particular focus on democratizing digital platform work. Alec's most recent publication is "Digital participatory democracy: A normative framework for the democratic governance of the digital commons" in the Journal of Social Philosophy.

## **Human Enhancement**

Our program on human enhancement will be centered under the direction of IEET Managing Director Dr. Umbrello at the University of Turin and anchored by the first IEET/UniTo postdoctoral fellow, Cristiano Calì. As with the Boston-based program on the future of work, the Turin-based program will include talks, meetings, and special issues of JEET on the theme of human enhancement ethics and policy. The IEET has also organized a thematic volume on the politics of human enhancement to be published by de Gruyter.

The IEET is pleased to announce the creation and launch of the Hub for Ethics and Emerging Technologies (HEET). HEET is an affiliated IEET research center founded and based in Turin, Italy, at the University of Turin in the Department of Philosophy and Educational Sciences. Specifically, it is formed within ERATO, the department's premier research center on the ethics and anthropology of technology. The aims of the research center are to operationalize the IEET research streams while also actively building the careers of early career researchers in the following fields:

## WHAT AT WE DO

The Hub for Ethics and Emerging Technologies will be formed to study and debate vital questions such as:

- What is Digital Humanism and how can we articulate such an approach to meet the needs and challenges that arise from digital technologies?
- How can human enhancement technologies be used ethically towards socially beneficial ends?
- How can we educate and train young scholars to design artificial intelligence to be trustworthy, safe, and reliable?
- What are the ethical issues and how can we address them practically concerning AI, quantum technology, and biotechnology?

## MISSION

The HEET's mission is to be a hub for voices arguing for a responsible, constructive, ethical approach to the most powerful emerging technologies. We believe that technological progress can be a catalyst for positive human development as long as we ensure that technologies are safe and justly developed.

We aim to draw on the extensive and world-class experience and expertise at the University of Turin's Department of Philosophy and Educational Sciences (DFE). in order to provide actionable research that can be widely disseminated and acted upon at the European and international levels.

# HEET Programs

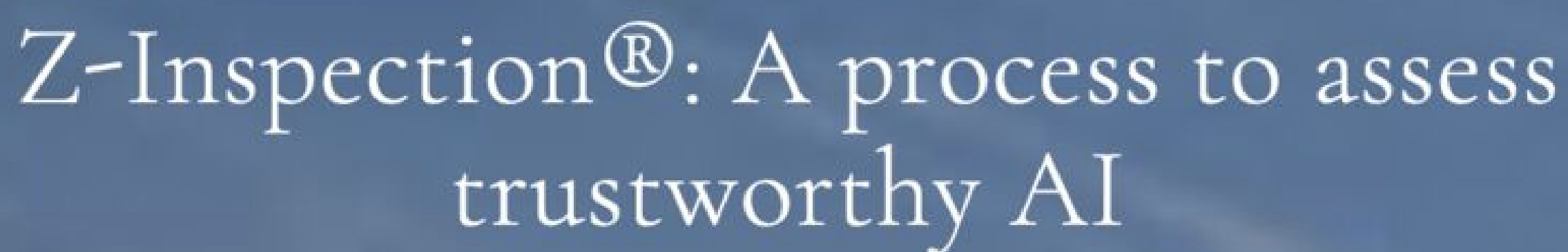
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The HEET is currently focused on three broad areas of the ethics of emerging technologies, human enhancement, artificial intelligence, and quantum technologies. These programs are supported by your gifts.

## **Safe, Reliable, and Trustworthy Artificial Intelligence**

The HEET at the University of Turin will be building on the rich discussions concerning the impacts of AI and automation developed in the work undertaken by the IEET at the Applied Ethics Center at the University of Massachusetts Boston. The goal of the HEET in this program is to hire and train early career researchers in how to design AI systems to be safe, reliable, and trustworthy.

The HEET will be partnering with Z-Inspection®, a team of international independent researchers whose goal is to use applied ethics to design AI systems to be safe, reliable, and trustworthy. The HEET will be established as a Trustworthy AI Lab and will be integrated into the worldwide network of Trustworthy AI Labs based on the Z-Inspection® process



Z-Inspection®: A process to assess  
trustworthy AI

Z-Inspection® is a holistic process used to evaluate the trustworthiness of AI-based technologies at different stages of the AI lifecycle. It focuses, in particular, on the identification and discussion of ethical issues and tensions through the elaboration of socio-technical scenarios. It uses the general European Union's High-Level Expert Group's (EU HLEG) guidelines for trustworthy AI.

All HEET members will obtain a Z-Inspection® teaching certification which will allow them to teach the Z-Inspection® process for non-commercial purposes. With Z-Inspection® we want to help to establish what we call a Mindful Use of AI (#MUAI).

## Human Enhancement

Our program on human enhancement will be centred under the direction of Dr. Umbrello at the University of Turin and anchored by Cristiano Calì. As with the Boston-based program on the future of work, the Turin-based program will include talks, meetings and edited volumes to the HEET-led book series on the *Politics of Human Enhancement* (De Gruyter). HEET fellows will also contribute to the IEET-run journal, the *Journal of Ethics and Emerging Technologies* (Classe A 11/C3).

The Department of Philosophy and Educational Sciences (DFE), and the ERATO research centre at the University of Turin provide the ideal location to conduct this interdisciplinary philosophical work. As one of the leading departments in moral philosophy within the country, the DFE also serves as the primary nexus for bioethics research and debates in Italy. With various faculty serving or having served on the Italian Committee for Bioethics at the national level, the DFE provides access to world-leading academics, private and public organs interested in promoting such research, as well as collaborations with other interested departments such as the Department of Biotechnology that is undertaking the technical research on human enhancement.



## Ethics of Quantum Technologies

Our program on ethics of quantum technologies will be centred under the direction of Dr. Umbrello at the University of Turin and anchored by a postdoctoral fellow that we intend to hire there in 2023. The Turin-based program will include talks, meetings, and special issues of the *International Journal of Quantum Information* and *Quantum Information Processing* on the theme of ethics and policy implications of quantum technologies. HEET fellows will work with governmental agencies and European research centres to guide the Italian adoption of quantum computing, internet, and sensing in a responsible way.





# Awards

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## IEET Ongoing Dissertation Award

The IEET offers an annual ongoing dissertation award for the best in-progress doctoral dissertation that aligns with the mission of the IEET.

- 2023: Aimen Taimur, Tilburg University, based on her dissertation project, titled, "The Techno-progressivist Legal Cogitation of Cognitive Freedom: Situating Human Rights Protection Against Manipulation of Free Thought by Artificial Intelligence"
- 2022: Ann-Katrien Oimann, KU Leuven and the Royal Military Academy, based on her dissertation project, titled, "The Morality of the Use of Lethal Autonomous Weapon Systems: the Problem of Attributing Moral Responsibility."

## Other Awards and Grants

Cristiano Calì

- ITALIAN SOCIETY OF MORAL PHILOSOPHY (SIFIM) Cash prize (€250) for the best edited short essay. Awarded essay: *Algorithms and Decision Making. At the origins of ethical-practical reflection on AI*

# IEET Events and Talks

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Thanks to the Otten Trust, the IEET is pleased to announce that it has relaunched its initiatives to host world-class events for scholars and the public alike.

## IEET/AEC Lecture Series - UMass Boston - 2023-2024

- Lisa Cosgrove and Farahdeba Herrawi, "The medicalization of life and loss: bioethical issues that emerge when there are academic-industry ties in psychiatry," February 26, 2024.
- Just Serrano-Zamora, "Expressive Domination and the Crisis of Democracy," April 10, 2024
- Milutin Kostic, "'Who am I and why am I this way?' The psychiatrist knows and will gladly tell you," May 1, 2024.
- Adam Hosein, "Religious Accommodations and Religious Accommodating," May 2, 2024.

## 2023-2024 Talks

James Hughes

- "Are Children The Future?: Longtermism, Epistemic Discounting and Axial Futurism" at Existential Threats and Other Disasters: How Should We Address Them? Montenegro, May 2024
- "Economic and social impacts of the AGI revolution" at Beneficial AGI Summit 2024, Panama City, Panama, Feb 2024
- "The Technoprogressive Declaration After Ten Years" at TransVision 2024, Utrecht, Netherlands, Jan 2024
- "Communication Technologies: Hegemonic, Radicalizing and Democratic" at The Future of Protest Politics: Politics and Emotions in the Age of Digital Transformation and Surveillance Capitalism, University of Bergen, Norway, Nov 2023
- "Brain-Computer Interfaces, AI and the Future of Consciousness," International Symposium on Applied Philosophy (ISoAP), Brazil Oct 2023
- "AI, Democracy and Egalitarianism" at Social Democratic Forum, Zoom, July 2023
- "The Democratic Metaverse: Building an Extended Reality Safe for Citizens, Workers and Consumers" at Tenth Annual Governance of Emerging Technologies Conference, University of Arizona, Phoenix AZ, May 2023
- "Impacts of Artificial Intelligence on the Creative Fields and Art Instruction" at University of Connecticut School of Fine Arts, April 2023
- "Moderating Tiktok: Human Rights Concerns" at Woodstock Academy Human Rights Conference, Woodstock Connecticut, March 2023

# IEET Events and Talks

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## 2023-2024 Talks

Steve Umbrello

- [Track Chair] Ethics and Responsible Innovation in Industry 4.0, 2024 International Conference on Industry 4.0 and Smart Manufacturing (ISM 2024).
- 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.

Cristiano Cali

- "Free will and algorithms: a typical androrphism" at ALIFE 2023: Ghost in the Machine: Proceedings of the 2023 Artificial Life Conference, MIT Press, July 2023

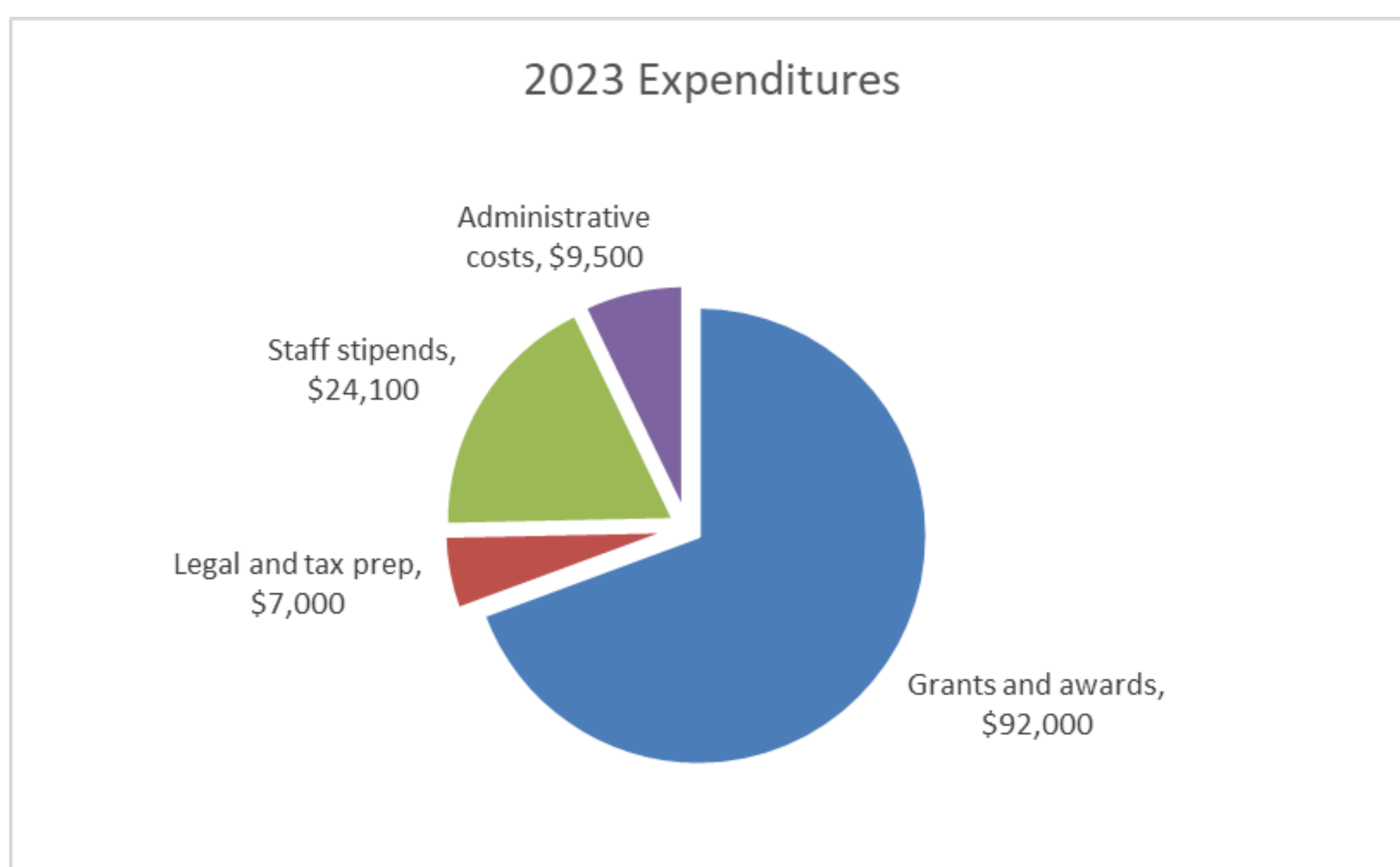
Alec Stubbs

- "Digital Labor and the Achievement Subject in the Attention Economy," AI and the Future of Protest Politics: Politics and Emotions in the Age of Digital Transformation and Surveillance Capitalism, University of Bergen, November 30-December 1, 2023.
- "Ethics and Creativity." (with Ilya Vidrin). Creativity and AI. Foothill College, May 2.
- "AI Friendship: On the Uncontrollability of the Other," AI and Political Conflict, University of Bergen, May 30-31, 2024.

# IEET Finances

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In 2020 the IEET began to receive a bequest from the Otten Trust, established by the late Klaus Otten. The bequest is restricted to the support of programs investigating the ethical and policy implications of artificial intelligence and human enhancement. Thus far the IEET has received more than half of an expected million dollars. In the coming years, as our new program of work matures, we look forward to substantially expanding our fund-raising program.



## How to Contribute to the IEET's Work

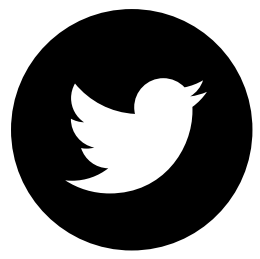
IEET is a 501(c)(3) tax-exempt nonprofit private foundation.

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