

## Call for Papers

# Artificial Intelligence: Ethics and Society in a Technologically Fused World



Artificial Intelligence (AI) today plays a major role in the way we conduct research, in the way we draft policy at all levels and industries, and in the way we function in daily life. Simple routinised activities are easily converted into algorithms, embedded in our social ‘interface’ and overall social infrastructure, and the recent and ongoing pandemic of COVID-19 have further allowed and encouraged additional AI-driven platforms and techniques, in order to minimise social interaction throughout these uncertain times.

Despite the long list of benefits for the use of AI and its impact on society, some ethical debates persist. Concerns and other issues are constantly raised regarding the data we are exposed to and the way we understand, interpret, share, and reproduce information. This avertedly shapes policy, often dismissing ethical questions on bias, disinformation, the social and psychological impact, as well as the implications for how machines and software interact with humans in the 21<sup>st</sup> century.

In line with our continuous efforts of promoting a multi-disciplinary and multi-stakeholder effort in addressing ethical, policy- and research-related questions, the University of Nicosia, through the **Artificial Intelligence Lab (AIlab)**, the **Department of Computer Science at the University of Nicosia**, the **Department of Digital Innovation at the University of Nicosia**, and the **Office of the Senior Vice-Rector**, in collaboration with the **Cyprus National Bioethics Committee** and the **European Commission Representation in Cyprus** organise high-level research conference on the topic of “**Artificial Intelligence: Ethics and Society in a Technologically Fused World**”.

The conference is scheduled to take place on **5<sup>th</sup> November 2021 at the University of Nicosia (online format)**. Only a multi-disciplinary and multi-stakeholder effort can find the best ways to address these concerns, including experts and academics of various disciplines, such as AI, computer science and engineering, ethics, philosophy, economics, medicine, politics, psychology, sociology, law, and history. As such, we invite experts, academics, and researchers to contribute to a selected theme and participate in our conference.

Please note that a selection of successful paper submissions will potentially be published in a collective volume on AI, Ethics and Technology with a selected academic publisher following the conference.

Potential topic areas are outlined in the following non-exhaustive list:

- Theories of AI & Ethics
- AI impact on society and workforce
- Building ethical AI systems
- Value alignment
- Cybersecurity, data privacy, and the ethics of information reproduction
- Legal and moral questions over the use of AI technologies
- The role of AI technology in the wake of fake news
- Security Studies and AI in defence, policy, and/or warfare
- The use of AI technology in medicine and the ethical inquiries behind it
- Sustainable development and the ethical application of AI
- Transparency, Corruption, and AI
- AI, machine intelligence, singularity and ethics

Submitted papers should adopt a scientific approach to address any questions related to the above topics. Moreover, they should clearly establish the research contribution, its relevance, and its relation to prior research. All submissions must be made in an appropriate academic and conference-style format, under the specified guidelines and limitations:

- You **may** submit one abstract/paper per topic area and you may **not** submit more than one abstract/paper for the same topic area. Acceptable file formats in **.doc (MS Word) and .pdf**.
- Completed papers already published elsewhere will not be accepted.
- An appropriate and consistent referencing system should be used. No restriction is applied under the referencing system, provided that sources are cited throughout. You may use any of the recognised referencing systems (AAAI, IEEE, Harvard variations, Chicago, etc) as in any other academic document.
- Abstracts should be between 300 to 500 words, excluding references. All sources used may be cited in your work.
- **All documents** should include up to **6 selected keywords**, a short biographical note (about 50 words) and affiliation of each author.
- We will take into consideration proposals for panels. However, papers are considered on an individual basis and panel paper submissions may be split up.

The Conference Organising Committee includes members that are experts in all the relevant areas, to ensure appropriate review of papers.

### **Timeline of Deadlines**

- 11<sup>th</sup> October 2021: Abstract and/or paper submission due
- 22<sup>nd</sup> October 2021: Programme released
- 5<sup>th</sup> November 2021: Conference takes place at the University of Nicosia

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