

# IGF 2021 Workshop Submission

Skolkovo Institute of Science and Technology in collaboration with  
Center for Global IT-Cooperation

Workshop “AI: Human traditional Ethics vs new digital Ethics”

<b>IGF 2021 Main focus area</b>	<a href="#"><u>Economic and social inclusion and human rights</u></a>
<b>Organizers</b>	<p><b>Organizer 1:</b> Ms <a href="#"><u>Anna Zhdanova</u></a>, Skolkovo Institute of Science and Technology</p> <p><b>Organizer 2:</b> Mr <a href="#"><u>Andrey Ignatjev</u></a>, Center for Global IT-Cooperation</p>
<b>Speakers</b>	<p><b>Speaker 1:</b> Prof <a href="#"><u>Maxim Fedorov</u></a>, Technical Community, Eastern European Group</p> <p><b>Speaker 2:</b> Ms <a href="#"><u>Athina Karatzogianni</u></a>, Leicester University</p> <p><b>Speaker 3:</b> Mr <a href="#"><u>Peter Grindrod</u></a>, University of Oxford</p> <p><b>Speaker 4:</b> Mr <a href="#"><u>Desmond Higham</u></a>, University of Edinburgh</p>
<b>Content and description</b>	<p>AI based software and technical solutions occupy ever more areas of human economy. The spread of AI multiplies the risks to every single user and the society, especially to human rights in digital environment and ethical aspects of AI usage. The latter are associated with privacy, security, safety, reliability, explainability, accountability etc.</p> <p>1. Reaching common understanding of ethical principles in a digital world, based on humankind experience within traditional ethical norms is a hot topic for discussion these days among experts and politicians. Most of the involved parties agree that simple transfer of ethical principles from analogue to digital environment might not work as it should. The workshop is aimed to find a common ground for possible scenarios of reflection of human ethics to the new digital world, incl. issues related to the formation of ethical norms and regulations for actors in the field of AI at all stages of the life cycle of AI systems.</p> <p>The expected result is that the analysis of expert opinions will be an additional step in understanding the place and role of ethics in process of development of AI systems and their regulation.</p> <p>2. Development of trustworthy AI aimed to reduce risks and to gain peoples trust cannot be accomplished without maintaining effective measures to mitigate the full spectrum of threats, challenges and the said risks. The recent developments within ISO, CoE have set up the goal of achieving frameworks for formally verified AI systems. Following these trends, the current workshop is dedicated to bringing awareness to the trustworthiness matters of modern AI systems. The explainability aspect here not only refers to the transparency of algorithms to the end-users but, most importantly, to open data and their availability and description to the public. Special</p>

	<p>attention is paid to dynamic risks, which arise in an autonomous application, as well as ethical aspects of AI.</p> <p>The outcomes of talks and discussions within the workshop could be submitted in the form of a whitepaper on ethics of safe usage of AI systems.</p>
<b>Response to policy question(s)</b>	<p>The main challenge to be addressed in this workshop is to find out how difficult to reach international consensus and points of convergence on ethical issues in the field of AI. Ethical usage of AI often equals to “safe /for people/ usage of AI”. The second challenge is to combine different approaches on understanding of what a safe AI system is, including the machine learning methods involved and data integrity. This can only be achieved by an interdisciplinary approach achieved by gathering expert knowledge from various fields, not necessarily directly related to AI, especially when it comes to ethical and global aspects of AI. This workshop also seeks to raise technical soundness of measures for trustworthy AI.</p>
<b>Relevance to IG and to focus area</b>	<p>AI usage is essential for global economy, AI forms the basement for modern proactive public services and for moderation of people’s behavior in Internet. From governmental point of view AI affects all spheres of Internet governance at national and international levels. Any form of AI regulation incl. universal ethical principles in a number of international documents has a deep impact on human rights and future of Internet.</p>
<b>Format</b>	<p>Online or hybrid (depending on the COVID-19 safety measures)</p>
<b>Diversity</b>	<p>The proposed workshop is committed to gender balance and seek attraction of participants all over the world with different cultural, ethical, religious and linguistic backgrounds.</p>
<b>Online Moderator</b>	<p>Ms <a href="#">Anna Zhdanova</a>, Technical Community, Eastern European Group / Mr <a href="#">Yury Tsvetkov</a>, Skolkovo Institute of Science and Technology</p>