

Call for chapters for the book "Artificial Intelligence and Human Rights: Towards Trustworthy AI?".

This call for chapters welcomes abstract submissions on the theme of Artificial Intelligence and Human Rights: Towards Trustworthy AI? for publication in an edited volume. This book is to be published in one of the international publishing houses (e.g. Springer).

The European Union has outlined its efforts to use big data, machine learning, and artificial intelligence (AI) to tackle a number of inherently social problems: poverty, climate change, social inequality and criminality. These developments in AI must take place in an appropriate legal and ethical framework, which will reinforce the existing levels of respect for human rights and fundamental freedoms of every individual and vulnerable social groups, consolidate legitimate democratic processes and ensure economic and political stability.

Various examples of the existing use of AI show that decision-making systems reinforced by AI may often violate fundamental human rights codified in constitutions and binding international agreements. At the micro-level, AI used in decision-making systems regarding individuals' rights and obligations may interfere with individual human rights, such as privacy and personal data protection, the principle of equality and social justice, and the individual's autonomy and dignity. On the meso and macro levels, however, AI influences the functioning of democracy, exacerbates global social and economic inequalities, and increases the social sorting of the population.

The starting point of the book is a premise that AI enters a specific social, cultural, and political space. It is the product of a specific socioeconomic situation, which it also helps re-shape. The overall objective of this edited volume is thus to critically explore to what extent and how AI can represent a risk for human rights and other fundamental values of our societies and create recommendations for trustworthy AI.

Themes that are of interest to the volume include:

- 1) effects AI can have on fundamental human rights, i.e. which ones and how exactly?
- 2) uses of AI in various domains and social subsystems where AI can harm the foundations of democracy and the rule of law, i.e., uses of AI in public policy, the education system, public administration, in regards to taxation, business, insurance, banking, the judiciary and law enforcement as well as in advertising and election processes
- 3) ethics and values we have in mind when we talk about ethics in AI; the "computability" of different ethical frameworks

Other proposals within the scope will also be considered.

We invite submissions of 400-500 words chapter proposals.

Deadline: 30 November 2020

Submissions should be sent to the editors, Aleš Završnik, at ales.zavrsnik@pf.uni-lj.si, and Katja Simončič, at katja.simoncic@pf.uni-lj.si

Submissions should also include:

- a) Title of chapter
- b) Author/s name/s, institutional details c) Corresponding author's email address d) Keywords (no more than 5)
- e) A short biography (15 lines)

Authors will be informed of commissioning by 15 December 2020.

Commissioned chapters will be around 6,000-9,000 words and will be due by 1 May 2021.

The fact that an abstract is accepted does not guarantee publication of the final manuscript. All chapters submitted will be judged on the basis of a double-blind reviewing process.

Should you have any questions, please don't hesitate to contact the editors:

Prof. dr. Aleš Završnik: ales.zavrsnik@pf.uni-lj.si

Dr Katja Simončič: katja.simoncic@pf.uni-lj.si