INSTITUTE OF PHILOSOPHY, ZAGREB

We invite you to a lecture on

Militarization of AI: new threats for peace and the human control of warfare

by

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Abstract

Military powers are busy incorporating AI technologies into their defense systems. Presumed military advantages of these developments come with the challenging problem of preserving human control over warfare action and decision-making. The following main points about this control problem will be examined: (i) The problem arises from a combination of AI technological limitations and human-AI interaction hurdles; (ii) Its ethical and legal implications go well beyond autonomous weapons and involve both AI-enabled battlefield decision-support and automated perception; (iii) Military AI research and battlefield experimentation are eroding current regulation proposals addressing the need to preserve human control over warfare action and decision-making; but this need is becoming more acute in the light of increasing threats to peace posed by AI-enabled warfare.

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Guglielmo Tamburrini (PhD in Philosophy, Columbia University, 1987) is a Philosophy of Science and Technology Professor (retired) and Research Associate at Università di Napoli Federico II in Italy. His research interests focus on ethical and social issues in the context of AI, human-computer, and human-robot interactions. He was the coordinator of the first European project on the ethics of robotics (ETHICBOTS, 2005-2008) and was awarded in 2014 the Giulio Preti International Prize by the Regional Parliament of Tuscany for contributing to the dialogue between Science, Philosophy and Democracy. Presently, he is a fellow of the Nexa Center for Internet and Society at Politecnico di Torino, a scientific board member of USPID (Unione degli Scienziati per il Disarmo), and a member of both ICRAC (International Committee for Robot Arms Control) and the ISODARCO Association (International School on Disarmament and Research on Conflicts).