

## Just Information Warfare

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This article focuses on the ethical analysis of Information Warfare, the warfare characterised by the deployment of ICTs. It addresses the vacuum of ethical principles for Information Warfare, by providing an ethical framework for the definition of such principles. The article is divided in three parts. The first one considers Information Warfare in relation to the so-called information revolution and provides a conceptual analysis of this kind of warfare. The second part, focuses on the ethical problems posed by information warfare and describes the issues that arise when Just War Theory is endorsed to address them. The application of the principles of ‘last resort’, ‘non-combatants immunity’ and ‘more good than harm’ to information warfare is analysed. The final part introduces Information Ethics as a suitable ethical framework for the analysis of Information Warfare, and argues that the vacuum of ethical principles for this kind warfare is overcome when Just War Theory and Information Ethics are merged together.

**Mariarosaria Taddeo** works at the Oxford Internet Institute, University of Oxford. Her recent work focuses mainly on the ethical analysis of cyber security practices and information conflicts. Her area of expertise is Information and Computer Ethics, although she has worked on issues concerning Philosophy of Information, Epistemology, and Philosophy of AI. She published several papers focusing on online trust, cyber security and cyber warfare and guest-edited a number of special issues of peer-reviewed international journals: *Ethics and Information Technology*, *Knowledge, Technology and Policy*, *Philosophy & Technology*. She also edited (with L. Floridi) a volume on ‘The Ethics of Information Warfare’ (Springer, 2014) and is currently writing a book on ‘The Ethics of Cyber Conflicts’ under contract for Routledge. Dr. Taddeo is the 2010 recipient of the Simon Award for Outstanding Research in Computing and Philosophy and of the 2013 World Technology Award for Ethics. She

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