PANEL PROPOSAL

70. Technoscience for Peace. (Dis-)entangling technoscientific knowledge in conflicts' (de)construction.

Convenors:
Ilenia Picardi, University of Naples Federico II
Maria Carmela Agodi, University of Naples Federico II

Keywords: military conflicts, peace, war

In recent decades, STS has highlighted the non-neutral nature of techno-scientific development by analysing the multiple and diverse entanglements of science and technologies in different contexts and uses, and the roles of human and non-human actors in these processes. Technoscience is involved in the construction of access to goods and rights (right to health, education, etc.), in facing social inequalities, and in the development of tools for the sustainable use of resources, as well as in processes of exclusion, marginalisation and military conflicts. Recent examples of entanglement of science with war have been provided in the last years when the current wars in Ukraine and the Middle East have opened up tensions and debates on how to renegotiate scientific collaborations in academic institutions with scholars from countries involved in conflicts, on the one hand, and the other, on the involvement of emerging technologies, such as artificial intelligence and digital infrastructure, in these wars.

How can we disentangle the complex relationships between technoscience, war and peace? How can technoscience work to build peaceful and just coexistence on the planet (and beyond) and contrast the war and destruction of the Earth and its species? This panel aims to discuss how technologies and science can contribute to reconfiguring the equilibrium in a world of wars.

To this end, we welcome theoretical and/or empirical research-based contributions on the following topics:

- entanglement of science and technology with peace and war;
- governance of technoscience and prospects for its democratisation;
- scientists' and non-scientists' movements against the development and spread of hightech weapons (different developments and integrations of robotics, A.I., biotechnology, autonomous weapons, precision atomic devices, etc.);
- technoscience to support to build more equitable societies and populations at risk of conflict or victims of ongoing or concluded conflicts;
- entanglements between technoscience, war, environmental crisis;
- roles and responsibilities of scientists in building peace and social justice (RRI, technology assessment etc...);
- technoscience, social innovation and inclusion/exclusion.

Call for abstracts
Deadline for submission 3 February 2025
Abstracts submission here