

Alessio Giacometti is a PhD candidate in Social Sciences: Communications, Interaction and Cultural Constructions at the University of Padova (Italy), working on a project about the representations of nuclear fusion. Member of the research unit Pa.S.T.I.S (Padova Science, Technology, and Innovation Studies), he obtained a Master's degree in Sociology and Social Research from the University of Padova, as well as a Bachelor's degree in Sociological Sciences and in Communications Studies from the same university. He is interested in Science & Technology Studies (STS) and environmental sociology, with a particular propension for the Anthropocene studies, environmental humanities, political ecology, and social studies of energy transitions. Being editor of the Italian cultural magazine *Il Tascabile*, he is also keen on science journalism and nature writing.

Project at IAS-STS

As a Research Fellow at the Institute for advanced studies on science, technology and society (IAS-STS), Alessio Giacometti is completing his research project on the representations of nuclear fusion, a research field that is trying to obtain energy from fusion reactions by replicating in laboratory the process that powers the Sun and other stars. Following the approaches of Science & Technology Studies and Expectation Studies, the PhD project addresses three levels of analysis: how fusion is framed in the media arena, how it is told by fusion scientists themselves and how it

is practiced in a dedicated facility. Such research is being carried out by means of a mixed-methods approach that combines qualitative and quantitative discourse analysis with ethnography in a nuclear fusion research centre.

Publications

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Giacometti, A. (2023). Immaginari dell'Antropocene. Usi scientifici e diffusione culturale del concetto di epoca umana. Novi Ligure: Edizioni Epoké.

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