



# PhD in SCIENCE, TECHNOLOGY AND POLICY FOR SUSTAINABLE CHANGE - 40th cycle

## THEMATIC Research Field: THE SOCIO-TECHNICAL DESIGN OF SUSTAINABLE TECHNOLOGIES

### Monthly net income of PhDscholarship (max 36 months)

**€ 1400.0**

In case of a change of the welfare rates during the three-year period, the amount could be modified.

### Context of the research activity

#### Motivation and objectives of the research in this field

The social sustainability of emerging technologies is a matter of concern for both policy-makers and social scientists, and issues related to the ethics of technology have recently become popular in technology industries. Science and Technology Studies (STS) are particularly interested and well-equipped to address this type of investigation.

This project aims to investigate with an STS approach the socio-technical processes that inform the design of digital technologies influencing their social sustainability. It aims to acquire a grounded understanding of the culture, practices and imaginaries that guide designers of emerging technologies in their daily work. Multiple technological applications can be investigated in this framework depending on the interests of the PhD student: AI, AR, the Metaverse, wearable technologies, etc.

#### Methods and techniques that will be developed and used to carry out the research

The research will leverage qualitative social research methods typical of the STS tradition: in-depth interviews, ethnography, case studies.

#### Educational objectives

Learning research processes, methods and practices of STS research

Learning to address with a critical attitude the sustainability of emerging technologies

#### Job opportunities

Social researcher



<b>Composition of the research group</b>	2 Full Professors 3 Associated Professors 8 Assistant Professors 2 PhD Students
<b>Name of the research directors</b>	Prof. Paolo Gaetano Volontè

<b>Contacts</b>
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<b>Additional support - Financial aid per PhD student per year (gross amount)</b>	
<b>Housing - Foreign Students</b>	--
<b>Housing - Out-of-town residents (more than 80Km out of Milano)</b>	--

<b>Scholarship Increase for a period abroad</b>	
<b>Amount monthly</b>	700.0 €
<b>By number of months</b>	6

<b>Additional information: educational activity, teaching assistantship, computer availability, desk availability, any other information</b>
<p>Educational activity: 5.707,20 (total for 3 years)</p> <p>Teaching assistantship: Max 40 hs</p> <p>Computer availability: No</p> <p>Desk availability: Available in the PhD students room at the Department of Design</p>