

Id 3838 - CALL: ROBOT COMPANION ETHICS – FUNDAMENTAL VALUES FOR THE TRANSITION TOWARDS A HUMAN-CENTRIC INDUSTRY

Position and grant

Scuola Superiore Sant'Anna announces a call to assign two Research Fellowships to perform research activities related to the scientific field M-FIL/03 – Moral Philosophy at the Institute of law, politics and development. The gross amount of the fellowship is 21.077,00 € per year. The present fellowship cannot be cumulated with other fellowships and grants except those aimed at financing a period of stay abroad necessary within the research activity. The duration of the research fellowship is 12 months, renewable in case of positive evaluation of the research activities performed.

Research Activity

- **Research title** “Robot Companion Ethics – Fundamental Values for the Transition Towards a Human-Centric Industry.”
- **Research description** “The aim of this research project is to develop novel philosophical strategies that explore and critically assess the relation between emerging technologies, society, and ethical issues. In particular, the project is expected to put forward interdisciplinary research activities on how socio-technical systems involving Artificial Intelligence and related emerging robotic technologies are key enablers of novel economic and social opportunities related to the domain of work and human labour, and to a range of public values that need specification and operationalisation. This will serve also to stimulate a critical discussion on how industries can play a meaningful role in the transition to a more sustainable, resilient, and human-centric future, as envisaged by the vision of Industry 5.0. In terms of expected results, the main research outputs will include the elaboration of a report, together with independent and collaborative research devoted to the publications of research papers. Specifically, the report will be intended to integrate the European approach to innovative robotics and AI systems with the theoretical analysis of moral and social values promoting workers’ capabilities, the identification of safeguards for workers, public, and consumers, and the orientation towards Industry 5.0’s core element of human-centricity and the specific ethical implications. The research will be mainly carried out in the intellectually stimulating and highly engaging academic environment of the Sant’Anna School of Advanced Studies (Pisa – Italy). At the Sant’Anna School, the research will be developed within the Institute of Law, Politics and Development (<https://www.santannapisa.it/en/istituto/dirpolis-institute>). The Institute conducts innovative research in the fields of law, political science, moral and political philosophy. Its multidisciplinary approach allows for a comprehensive representation of complex legal, political, social and economic phenomena. Its manifold projects and activities on emerging technologies issues are carried out within a cooperation network gathering a number of scholars from various European and non-European universities. Other fundamental research environments involved in the development of the research proposal will be the Biorobotics Institute (<https://www.santannapisa.it/en/institute/biorobotics>) which is part of the Sant’Anna School, together with the Competence Centre on “Advanced and Collaborative Robotics and Artificial Intelligence” ARTES 4.0. (<https://www.artes4.it/en/>).”

Admission Requirements

Applicants must hold a master's Degree in Philosophy, Political Sciences or Law.

Application and attachments

The candidate is requested to apply online at: <https://www.santannapisa.it/it/assegni-di-ricerca-e-selezioni-incarichi-esterni/istituto-dirpolis-robot-companion-ethics-valori> by writing his/her email address in the field "Procedi alla selezione"; the candidate will be redirected to the registration page and have the possibility to apply following an English form after selecting "Read this page in English".

In case of difficulties, please contact the Administration Office (Tel. +39-050-883.254/258, e-mail assegniricerca@santannapisa.it).

Attachments (pdf format):

- copy of a valid identity document (Passport)
- copy of the scientific-professional Curriculum Vitae, signed and dated (please use the EU format)
- copy of all academic titles (MSc/MA Degree, PhD ...) and copy of the MSc and or PhD thesis and of all publications and other elements which can be useful for the evaluation (these documents must be saved in a zip folder);
- Substitute declarations (attachment B and C) to be downloaded during online application, filled, signed and uploaded
- a list of all the attached documents, signed and dated

The candidate must indicate his/her status, personal information and qualities in the curriculum vitae. Particularly, he/she must also analytically indicate studies completed, qualifications earned, publications and/or patents, services provided, functions performed, the positions held and any other scientific, professional and educational activities that may have been performed, listing exact references for each qualification indicated.

Academic and professional qualifications must be self-certified by the form at Attachment B or submitted in copy accompanied by a declaration of conformity to the original, pursuant to Presidential Decree no. 445 of 28 December 2000, using the form at Attachment C. Other qualifications, theses and/or publications may be submitted in their original form or in copy accompanied by the declaration in lieu of notarized affidavit using the form at Attachment C.

Selection method and ranking list

The selection is based on the assessment of qualifications and an interview for a total of 100 points, of which **60** points are for the assessment of qualifications and **40** points are for the interview.

Assessment of qualifications:

1) Academic qualifications: **25** points

- Achievement and / or attendance of a PhD in a subject relevant to the research topics of the present call: **20** points
- Attendance of post-graduate courses or training courses in subjects related to the research topics of this call: **10** points
- Other qualifications: **10** points

2) Publications and original works according to their relevance and importance: **10** points

3) Research activity in public or private bodies with contracts, research grants, scholarships, post-doctoral scholarships, both in Italy and abroad related to the topics covered by the call: **10** points

The candidate will be admitted to the interview if he/she obtains at least 45 points in the evaluation of the titles and will pass the interview obtaining at least 20 points.

A ranking list of eligible candidates will be drawn up by the examination committee at the end of the selection.

Deadline for applications: 20/11/2023, 12:00 p.m. (CET)

Interview: 24/11/2023, 10:00, a.m. (CET)

Resident abroad applicants may also ask to hold their interview in their country of residence via conference call. In this case the candidate is asked to contact Italian Embassies or his/her local University, arranging the interview for the date scheduled and considering that he/she will be previously identified by an employee or a Professor.

Formalization of the fellowship and contract termination

Scuola Superiore Sant'Anna will contact the winner at the email address provided for the selection, offering him/her the fellowship and asking to reply before the beginning of the fellowship.

In case you need information or help in submitting your application, please contact the Personnel Office, +39.050.883.254/258, email assegniricerca@santannapisa.it.

The official version of this Call is available only on the Italian page.