Position title: Ethics of AI: health, care and environment

Characteristics of the position: post-doctoral contract

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<td>Quotas</td>
<td>12 months / 100%</td>
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Assignment:
Chair “Ethics and AI”, MIAI and IPhIG, UGA

Context and work environment

Structure description

1) IPhIG
The Institute of Philosophy of Grenoble (IPhIG) is one of the research units of the University of Grenoble Alpes. It is composed of 11 statutory members, from various components of the UGA, more than 20 doctoral students, and several post-doctoral students. It is a member of the regional doctoral school ED 487 "Philosophy: history, representation, creation". Its activities are organized along three axes: "Practices: values, norms, institutions", "Mind and cognition" & "History of philosophy".

2) Chair “Ethics and AI”, MIAI
The "Ethics & AI" Chair is one of the chairs of the multidisciplinary Grenoble Institute of Artificial Intelligence (MIAI). It aims to develop over a period of 4 years (2019-2023) a philosophical understanding of Artificial Intelligence both through a conceptual and normative approach and by reference to various "terrains" of observation. It reflects the activities of the Institute of Philosophy of Grenoble (IPhIG), a research unit of the University of Grenoble Alpes. Its activities include meta-ethics, normative ethics, applied ethics, political philosophy, philosophy of law. This variety of points of view gives the Chair a potential for in-depth research on topics to which the relationship between ethics and AI is giving rise today. The scientific director of the chair, specialized in political philosophy, public ethics and philosophy of innovation, ensures the productive interaction of this variety of perspectives. The Chair contributes with 3 others to the "AI and Society" axis of MIAI, and maintains a close relationship with the research conducted on the other axes of the institute. Through the initiatives and projects it develops, the chair currently brings together 4 PhD students in philosophy and information and communication sciences; it also brings together 8 contributors, researchers from other disciplines, such as robotics and among the humanities and social sciences, clinical psychology, information and communication sciences, management sciences and marketing.

Team description (N+1 and colleagues) : under the authority of …. Team composed of X agents (X A, X B, X C...)
The position offered is directly related to the research activity of the chairholder, as well as to that of his contributors and the 4 current PhD students.

**Position’s mission and main activities**

Scientific disciplines: philosophy (17th section French CNU)

Sub-disciplines/research areas (*in no order of priority*): ethics of care/health and bioethics, political philosophy, philosophy of techniques, ethics of AI (computer ethics/algorithmic ethics, artificial ethics (Chauvier 2016), ethics of robotics, ethics of AI uses), environmental humanities.

Keywords: ethics, AI, robotics, digital, health and care, patients, patient-experts, "One Health" paradigm, health institutions and care structures, medicine-patient-environment relations, body, innovation, autonomy, trust, compliance, public and private liberties, vulnerability.

Terms of the competition: Candidates are invited to propose to the Jury a personal research project (10 pages maximum), including a description of their future activity within the "Ethics & AI" Chair that falls within the strategic orientations of the latter. If the position concerns philosophy, the multidisciplinary aspects of the candidate’s profile and the multidisciplinary perspectives of his/her project will be highlighted, in dialogue with the disciplines of the contributors of the Chair.

Important point: The proposed project must be able to fit into the "AI for Humans and the Environment" axis of MIAI, and more particularly be able to make a sustained dialogue between axes 4 ("AI and Society"), 5 ("Health") and 7 ("Energy and Environment").

Fluency in French and English (oral and written) is a prerequisite for applying, as the admission interview will be conducted in both languages.

References will be appreciated (maximum 2 letters of recommendation per application).

Start date: September 1, 2021.

**Missions / duties performed:**

The purpose of the postdoctoral contract offered to the competition is:
- To contribute to the advancement of scientific knowledge in the field of AI ethics (as defined above) in health and care, including new conceptual and normative approaches, which are grounded in fields of study.
- To maintain the dialogue between philosophy, the SHS disciplines developed in the chair (social and clinical psychology, management sciences, information and communication sciences) and the scientific and technical disciplines developed within the MIAI institute (computer science, robotics, cognition), as well as with the world of health and care, whether academic (medical and pharmaceutical research laboratories), hospital (CHUGA) or other (patients, caregivers, associations, start-ups and other companies in the health and care sector).
- To feed the IPhIG’s axis 1 while possibly interacting with the two other axes.

**Main activities (in order of importance):**

1. Publication in academic journals, especially in English language.
2. Contribution to the scientific animation of the "Ethics & AI" chair: organization and intervention for conferences, seminars.
3. Setting up scientific projects (ANR, European programs, etc.).
4. Contribution to the outreach of the "Ethics & AI" Chair: oral intervention in front of non-academic audiences (health care personnel, patients, students, etc.).
5. Invitation to participate occasionally in training sessions (doctoral training on the Grenoble site, MIAI continuing education).

**Event - Objective result(s) by the end of the contract:**
- At least 2 research articles in English (published or submitted) over the duration of the contract,
- Contribution to the organization and animation of the program "Etats généraux de l’éthique de l'AI".

**Evaluation and control of the achievement of the result(s):**
A multidisciplinary Jury will evaluate and select the applications received (end of June-beginning of July 2021). Then, the candidates selected at the end of this first round will be invited to attend an admission interview, conducted by videoconference. Recruitment will be carried out at the end of July 2021.

### Restriction or constraints related to the position

Physical presence at the University of Grenoble Alpes for the duration of the contract is a necessary condition, as the position to be filled includes the coordination of a scientific team as well as scientific animation functions on the campus and in the Grenoble area, and in the Auvergne-Rhône Alpes region. An explicit commitment from the candidates will be required during the recruitment interview.

### Desired profile

**Expected skills (priority):**
- Academic excellence
- Relevance of the research project to the strategic orientations of the "Ethics & AI" Chair
- International research experience: publications, participation in seminars and colloquia, stay in research units
- Ability to engage in multidisciplinary dialogue as demonstrated by previous activity

• **Trade skills/ expertise**

Expression in French and English language, written and oral.

• **Personal skills**

- Autonomy,
- Ability to lead a small scientific team,
- Ability to mobilize the right interlocutors in an academic and peri-academic environment (health and care fields, scientific, technical and industrial mediation fields).

Supervisory mission: Yes ☒ No
Number of agents supervised per category: ..... A, ..... B, ..... C

**Desired professional experience:** beginner 2 to 5 years
Experience in setting up research projects (national and European) is a plus in the file.

**Previous formation, diplomas:**
PhD required in philosophy and another discipline developing AI ethics.

### General information

Modèle fiche de poste 2020
Contact for the questions related to the position:

**First name, LAST NAME, position:**
  Prof. Thierry Ménissier  
  Head of the Chair « ethics & AI », MIAI/IPhiG

Mail: thierry.menissier@univ-grenoble-alpes.fr