SECTOR: Higher Education Institution

INSTITUTION: Univ. Grenoble Alpes, University of Innovation

One of the major research-intensive French universities, Univ. Grenoble Alpes\(^1\) enjoys an international reputation in many scientific fields, as confirmed by international rankings. It benefits from the implementation of major European instruments (ESRF, ILL, EMBL, IRAM, EMFL\(^*\)). The dynamic ecosystem, grounded on a close interaction between research, education and companies, has earned Grenoble to be ranked as the 5th most innovative city in the world. Surrounded by mountains, the campus benefits from a natural environment and a high quality of life and work environment. With 7000 foreign students and the annual visit of more than 8000 researchers from all over the world, Univ. Grenoble Alps is an internationally engaged university.

A personalized Welcome Center for international students, PhDs and researchers facilitates your arrival and installation.

In 2016, Univ. Grenoble Alpes was labeled «Initiative of Excellence ». This label aims at the emergence of around ten French world class research universities. By joining Univ. Grenoble Alpes, you have the opportunity to conduct world-class research, and to contribute to the social and economic challenges of the 21st century ("sustainable planet and society", "health, well-being and technology", "understanding and supporting innovation: culture, technology, organizations" "Digital technology").

\(^*\) ESRF (European Synchrotron Radiation Facility), ILL (Institut Laue-Langevin), IRAM (International Institute for Radio Astronomy), EMBL (European Molecular Biology Laboratory), EMFL (European Magnetic Field Laboratory)

Key figures:

- + 50,000 students including 7,000 international students
- 3,700 PhD students, 45% international
- 5,500 faculty members
- 180 different nationalities
- 1st city in France where it feels good to study and 5th city where it feels good to work
- ISSO: International Students & Scholars Office affiliated to EURAXESS

LOCATION: France, Grenoble

MANDATORY REFERENCES:

1 https://edu.univ-grenoble-alpes.fr/en/
PROJECT TITLE: MIAI @ Grenoble Alpes
JOB PROFILE: Gender issues as an ethical perspective for the Learning machine: The case of video game design

SCIENTIFIC HOSTING DEPARTMENT (LABORATORY'S NAME):
Groupe de Recherche sur les Enjeux de la Communication (GRESEC); Institut de Philosophie de Grenoble (IPHIG)
SUPERVISOR'S NAME: Pr Fabienne Martin-Juchat (GRESEC) Pr. Thierry Ménissier, Head of the Chair “Ethics and AI”
CONTACT: fabienne.martin-juchat@univ-grenoble-alpes.fr

RESEARCH FIELD: Information-Communication sciences, Gender studies, Ethics, Political Philosophy

RESEARCHER PROFILE:
☐ Recognized researcher (PhD holder not yet fully independent)
☐ Established researcher (Researchers who have developed a level of independence)
☐ Leading researcher (Researchers leading their research area or field)

JOB PROFILE:

Gender studies would demonstrate that the design of multiplayer video games (aesthetic, semiotic and moral dimensions) contributes to the integration of non-emancipatory habits for women (Jo, Jason, 2005; Carr, 2006; Lignon, 2015).

The societal risk would therefore be that the predictive machine learning applied to the design of video games would be based on mono-cultural gendered habits.

The aim of this PhD is to first analyse how the machine learning in the gaming field risk to reproduce gender stereotypes. In a second step, the perspective will be to build the conditions for cooperation in information and communication sciences/ethics and informatics in order to develop algorithms that do not reproduce gender stereotypes in the design of video games.

Required languages: English or French

TYPE of CONTRACT: PhD, 36 months
JOB STATUS: Full time
HOURS PER WEEK: 35
CONTRACT STARTING DATE: 01/10/2019 (Project duration: from October 1, 2019 to September 30, 2023)
APPLICATION DEADLINE: 12/07/2019

ELIGIBILITY CRITERIA

Applicants must hold a master degree (or be about to earn one) or have a University degree equivalent to a European Master’s (5-year duration)

Applicants will have to send an application letter in English and attach:
- Their last diploma
- Their CV
- Letters of recommendation are welcome.

Address to send their application to: fabienne.martin-juchat@univ-grenoble-alpes.fr