

FICHE NAVETTE: DOCTORANTS IDEX

SECTOR : Higher Education Institution

LOCATION: France, Grenoble

RESEARCH FIELD: psychological sciences, behavior change, active travel mode

RESEARCHER PROFILE:

☐ *First stage researcher*

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*2). The vibrant 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 Alpes 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

¹ Univ. Grenoble Alpes

MANDATORY REFERENCES:

CDP TITLE: MOBILAIR

SUBJECT TITLE: INTERMOB: A behavioral intervention to promote active travel modes in urban context

SCIENTIFIC DEPARTMENT (LABORATORY'S NAME): SENS & PACTE

DOCTORAL SCHOOL'S: EDISCE

SUPERVISOR'S NAME: AINA CHALABAEV (SENS), SARAH DUCHE (PACTE)

THESIS COMMITTEE (to be confirmed) : Sonia Chardonnel, Kamila Tabaka, Philippe Sarrazin, Sandrine Isoard-Gautheur, Jean-Philippe Heuzé, Julie Vallée

SUBJECT DESCRIPTION:

Motorized mobility is a major cause of sedentariness and physical inactivity, and heavily contributes to air pollution. Despite its negative impacts on health, car use remains the norm in daily transport mainly because of the daily individual activity organizations and the spatial distribution of residences, workplaces and urban resources. The goal of the INTERMOB project is to develop and test an intervention aimed at changing travel behavior, and more particularly at reducing car use for more active transport modes, such as cycling and walking. The intervention will be theory-based, by including behavioral change techniques identified as efficient in contemporary models of behavior change issued from social and health psychology. In addition, it will take into account theoretical contributions from geography concerning mobility and accessibility issues. The intervention will also include incentives such as discounts for public transport and bicycle. Development of the intervention will follow the methodology of randomized controlled trials, by randomly assigning participants who use their car as their preferred travel mode in different intervention and control conditions.

Other specificities of this intervention will be to examine the long-term effects of the intervention and to include objective measurements of behavior change and environmental exposures. Specifically, the groups will be followed over two years. Time-space activity (GPS monitoring), physical activity (actimetry), living and mobility conditions, quality of life and motivational variables (questionnaires and interviews) will be assessed before, during and after the intervention period.

The INTERMOB project is part of MOBILAIR, a pluridisciplinary project which brings together economists, geographers, psychologists, sociologists, epidemiologists, and chemists from Univ. Grenoble Alpes, around the air pollution reduction question.

The recruited PhD student needs to have a strong background in psychology (sport psychology, social psychology, or health psychology) and more particularly in contemporary models of behavior change. The PhD student also needs to have a strong interest for urban mobility issues and will have to collaborate with PACTE team in order to integrate spatial indicators in the analysis. Methodological skills (randomized controlled trials, experimental and longitudinal designs), quantitative analysis skills, English-writing skills, and team-work skills are also expected.

ELIGIBILITY CRITERIA

Applicants:

- must hold a Master's 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
- A motivation letter and a short presentation of their scientific project (2 to 3 pages max)
- Letters of recommendation are welcome.

Address to send their application: aina.chalabaev@univ-grenoble-alpes.fr ; sarah.duche@univ-grenoble-alpes.fr

SELECTION PROCESS

Application deadline: **30 May 2018** at 17:00 (CET)

Applications will be evaluated through a three-step process:

1. Eligibility check of applications in June 2018
2. 1st round of selection: the applications will be evaluated by a Review Board in June 2018. Results will be given in June 2018.
3. 2nd round of selection: shortlisted candidates will be invited for an interview session in Grenoble in early July 2018.

TYPE of CONTRACT: temporary-3 years of doctoral contract

JOB STATUS: Full time

HOURS PER WEEK: 35

OFFER STARTING DATE: 1 October 2018

APPLICATION DEADLINE: 30 May 2018

Salary: between 1768.55 € and 2100 € brut per month (depending on complementary activity or not)