

David Rei, PhD Student

David Rei, [chm](#), [portail](#)

Hi and welcome on my wiki page!



Introduction

I am working on the subject "*Human-Machine Interactions Adapted to the Personality of Users: Application of Motivation to Physical Activity*". My PhD thesis began in September, 2019 though I've been working at LIMSI-CNRS since January, 2019 as an Engineer. This thesis is funded by a government scholarship. LIMSI-CNRS is now known as LISN.

Contact

At LISN, my office is located in building 508. Take stairs to 2nd floor, turn right, my office is number 219, in the middle of the corridor, on the left. Due to the pandemic ongoing, I'm not so often at the lab, so I think it is best to contact me first by e-mail.

You can contact me by e-mail: [david.rei\[at\]limsi.fr](mailto:david.rei[at]limsi.fr)

Research topics

I am working on human-computer interactions (HCI) and especially on a personality-based adaptive model to improve user's motivation to practice physical activity. This is a pluridisciplinary work as it involves very different fields of computing and psychology such as human-computer interactions, adaptive interactions, persuasive technologies and strategies, motivation, as well as two theories from psychology. The Self-Determination Theory identifies three basic needs to be met for the self-motivation and well-being of individuals in their daily activities. The Regulatory Focus Theory presents two action strategies used by individuals, depending on the situation (motivation by gain or loss).

Our aim through this work is to propose a new model of interaction, based on user's personality,

actions strategies and physical activity level, that will promote and enhance their motivation to practice regular physical activity.

Supervision

My PhD work is directed by [Jean-Claude Martin](#), Professor of Computer Science at Paris-South 11 University and Head of the Group “Cognition, Perception and Usability” at LIMSI-CNRS.

It is also co-supervised by [Céline Clavel](#), Assistant Professor of Psychology and [Brian Ravenet](#), Assistant Professor in Human-Computer Interaction.

Teaching

- 2019-2020
 - Advanced databases (DUT 2) - 36 h
 - Object oriented programming - basics (DUT 1) - 21 h
- 2020-2021
 - Advanced databases (DUT 2) - 18 h
 - Object oriented programming - basics (DUT 1) - 42 h

Other topics

I have my own website, which you can see there: [The Exploptimist](#). It describes my other works and activities outside (past and present) my current research PhD work.

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