



UC Leuven
Limburg
MOVING MINDS

QUADRI
RESEARCH AND
INNOVATION

CENTRE OF EXPERTISE ITECH

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The centre of expertise ITech within the group Management and Technology gathers the expertise on IT & Technology within UC Leuven-Limburg. It specifically focuses on its innovative applications, for example within healthcare, which is one of the centre of expertise's main target areas. Next to its wide range of technical background knowledge, the centre of expertise mainly specialises in these areas:

- **Big Data** mostly within IT systems: from data capture (including data acquisition), and filtering, over data analysis (mining) and decision trees to the visualisation of results, so that not only specialists can interpret them easily.
- **IT** with all its subdomains (web and mobile applications, security, business intelligence, test-driven software development...).
- **Assistive Technologies:** such as telecare and telemedicine, but also specific electronic or electric designs for people with disabilities.
- **Internet of Everything (IoE):** combining the different kinds of expertise mentioned above enables us to provide specific and professional advice within the IoE domain.

At every stage of projects/assignments, the centre of expertise applies the principle of user-centred design (participative design) to increase the satisfaction and acceptance rates with regard to the work realised as much as possible.

Services, contract research and custom-made trainings are possible.

www.ucll.be/itech



Contact:

Patrick De Mazière (teamleader) ▪ patrick.demaziere@ucll.be ▪ Tel: +32 16 375 234

Sofie Ignoul (head of research) ▪ sofie.ignoul@ucll.be ▪ Tel: +32 11 180 300

UC Leuven-Limburg, Campus Diepenbeek, Agoralaan building B/3, B-3590 Diepenbeek

Robrecht Van Goolen (head of services) ▪ robrecht.vangoolen@ucll.be ▪ Tel: +32 16 375 347

UC Leuven-Limburg, Campus Proximus, Geldenaaksebaan 335, B-3001 Heverlee

MEMBER OF
**ASSOCIATIE
KU LEUVEN**