

# HUMAN-CENTERED SYSTEMS

BEHAVIOURAL AND COGNITIVE ASSESSMENT



**CONTACT**

**[SCH@CATIE.FR](mailto:SCH@CATIE.FR)**

## Integration of Human beings with new technologies thanks to behavioural and cognitive assessment

Our team of a dozen of PhDs and computer engineers has backgrounds in **cognitive, social and human sciences**. Therefore, the Human-Centered Systems Department combines experience and expertise to help our partners consider Human being (his needs, characteristics, experiences, ...) in innovative projects.

Based on **scientific methods** crossing users' data (qualitative, quantitative, questionnaires, etc.) and digital tools (AR, VR, artificial vision, physiological measurements, ...), the Human-Systems interaction can be quantified and characterized, enabling CATIE to advise its partners for them to **optimize the acceptability of digital systems** in numerous (and non-exhaustive) areas: **new mobilities** (autonomous car, new interfaces for future aircraft cockpit, etc.), **learning** with new technologies (VR/AR, etc.) or **Human analysis** with new methodologies (such as human physiological analysis).



## Our platform dedicated to Human Factors evaluation

Our team is developing **Peac2h** to enable companies to better integrate Human being into complex and innovative systems by offering online services, tailor-made or turnkey assessment protocols and methodological tools, among other items.

<https://www.peac2h.io>