

Scientific/Clinical Workshop

Workshop Title

It takes three to assist: Users, clinicians and engineers together design client-centered assistive devices

Workshop Responsible

Verena Klamroth-Marganska (ZHAW)

Speakers

Verena Klamroth-Marganska, Martina Spiess

Attendee Engagement

Participants will do interviews with a patient, work in small groups together and present their solution.

Abstract

To create highly usable and accessible rehabilitation technologies, we should focus on the patients and their needs in each phase of the design process. User-centered design (UCD) puts people first. The workshop aims to give you insights into the double diamond model of UCD: In this model, the first diamond represents the process of information gathering and user research, the second is dedicated to information processing and the design process. The process is iterative as the results are repeatedly adapted.

Within the workshop, we will start with discovering the situation of a patient using a service, his needs, strengths and aspirations. We will define, develop, and design solutions that answer to the situation in a targeted manner. We will collaborate and co-create and we will iterate, iterate, iterate. The double diamond model can be your road map to develop user-centered rehab technologies and to achieve significant and long-lasting positive change.