

# **Ergonomics Design:**

## **Creativity in practice, creativity of practice**

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Video poster Abstract:

The video presented will be based on various projects developed within the framework of our research laboratory "user-centered product design" implemented within the University of Applied Sciences of Western Switzerland in Neuchâtel. It will aim to show the originality of the intervention methodologies that we develop to design techniques and services adapted and appropriated to people and socio-cultural, economic and environmental contexts. Combining the principles of an activity-based ergonomics, anthropotechnology and design engineering methods, the specificity of our interventions is based on valuing the creativity of the practices of the people for whom and with whom we work. Whether with the gold miners of the Peruvian Amazon, with the polar shippers in Greenland, or closer to us geographically, with European dentists or conservators, our interventions have in common only their general objective: to sustainably improve living and working conditions of people in specific contexts. The "solutions" proposed are therefore both the process that will lead to concrete transformations and its most visible results.

By focusing on two emblematic projects - the design of a pulka-kayak for polar shippers and the design of an electrolytic brush for conservators / restorers - the video thus wishes to present both the projects and the creativity of the interventions carried out where notions such as: FabLab, opensource, sharing platform, co-design, know-how of the different users who make the product live, alongside the more common concepts.