



Category: Industry

Workshop Title: Experience the Innovation in the Continuum of Upper Limb Rehabilitation

Workshop Organizer(s): Veronica Garcia

In person Speaker(s):

- Claudio Pizzolato PhD
- Veronica Garcia-Marti PhD
- Matthias Näf
- Luft, Andreas, University of Zurich
- Pizzolato, Claudio, Griffith University
- Tan, Jasmine, DIH

Workshop Time: 08:15 - 09:45

Attendee Engagement:

We will have a hands-on sessions to experience the devices and discuss innovation among experts and participants. We will use polls to trigger discussions on innovation in upper limb rehabilitation.

Abstract:

Hocoma has a long history in developing devices specifically designed for patients with impairments in upper limb functions. Our key to success is the close collaboration with clinicians and researchers.

With this workshop we will provide a platform to share the latest innovations and stimulate this exchange.

Participate in this workshop to:

- 1) Get first hand experience of Hocoma's latest innovations in upper limb rehabilitation and try the unique device features yourself.
- 2) Discuss and exchange ideas about innovation in upper limb devices with clinicians, researchers, and engineers. How can we boost outcomes of rehabilitation technology? Which new trends can be integrated? How will technology impact therapy in the future?

Hocoma Armeo Therapy Concept provides robotic support and mobilization to patients with severe impairments with the ArmeoPower, arm weight compensation using an exoskeleton in a broad workspace with the ArmeoSpring and sensor-based self-initiated motivating training for patients with mild impairments with the ArmeoSenso.

Continuous improvements to the devices allow us to provide patients with task-specific, intensive upper limb therapy combining physical support, exergames and feedback.

Join us to shape the future.