



MAY 12-16 2025 · CHICAGO, IL USA · REHABWEEK.ORG



Category: Industry

Workshop Title: The Challenge of Building an AI-Powered Rehabilitation System Integrating Physical and Emotional Dimensions

Organizer(s): Idit Madanes

Speaker(s): Kochavi, Mati, Founder and Investor in Korro AI

Workshop Time: 10:30 - 12:00

Attendee Engagement: Attendees will be provided with an interactive presentation and hands-on time to interact with Korro AI's technology.

Abstract: Developing a successful AI-driven rehabilitation system that seamlessly integrates both physical and emotional aspects presents a significant challenge in the world of therapy innovation. While many AI systems focus on physical metrics—tracking patient movements, assessing performance, and adjusting difficulty levels—these solutions often fall short by neglecting a critical component: the patient's emotional state. Can a purely physical approach deliver optimal results without considering the deep interconnection between emotion and recovery?

Introducing Korro AI, an advanced rehabilitation platform designed to overcome this challenge. Korro AI goes beyond analyzing physical performance by factoring in the patient's emotional responses during therapy. This dual-layered approach is complex, as it requires the AI to not only interpret the emotional impact of each therapeutic activity but also adapt in real-time, creating a personalized experience tailored to both the body and the mind. Building such a system demands sophisticated algorithms capable of balancing these two distinct yet interdependent aspects, ensuring that emotional well-being is treated with the same importance as physical progress.

In this presentation, we will explore how the interaction between physical and emotional states affects rehabilitation outcomes, and why designing an AI that can manage these intricacies is a groundbreaking yet challenging task. Korro AI's solution exemplifies a breakthrough in this arena, combining emotional intelligence with physical performance to offer a truly holistic and adaptive patient experience.