



Category: Industry

Workshop Title: Physical Care From the Metaverse Powered By Haptics

Workshop Organizer(s): David Charlot Charlot

In person Speaker(s):

- Charlot, David, AuraSense Tech Corp
- Myers, Sara, University of Nebraska – Omaha
- Carey, Stephanie, University of South Florida - Tampa

Virtual Speaker(s): TBA

Workshop Time: 13:45 - 15:15

Attendee Engagement:

Interactive with questions, hands-on-time, and discussions

Abstract:

Blazing Audio is pioneering a web3 digital health ecosystem to deliver services that are currently only possible in person.

Our first application for our web3 offering is in the physical therapy space. We've identified an opportunity to create an online physical therapy marketplace for certified professionals to work with clients in need.

Blazing Audio uses digital haptics and machine vision to automate hand assessments used for determining patient status for people who are dealing with complications from Stroke, Dementia, Hand Injury, OsteoArthritis, Carpal Tunnel Syndrome, and other diseases. Currently hand assessments are a laborious, manual, and largely qualitative examination.

Our solution, AuraSense, automates the procedure using mid-air digital haptics, machine vision, and wearable sensors that monitor biometric signals from the patient. We consolidate all the information and provide a simple to understand report that patients, healthcare workers and insurance companies can use to make the best decision about how to help the patient through their recovery process.