

Embodied Care: From Human Data to AI-Supported Telecare for Older Adults

Abstract

As telecare technologies increasingly rely on data and automation, the notion of *care* itself demands rethinking. This presentation introduces the concept of *embodied care* as a lens for understanding how human data can be transformed into supportive and respectful interactions in AI-assisted telecare for older adults. Rather than treating data as neutral input, *embodied care* recognizes it as a trace of lived experience - situated, emotional, and relational. The discussion explores how wearable technologies and AI systems might sense, interpret, and respond to human signals in ways that preserve agency and foster connection. By reframing care as a shared human–technological practice, the presentation invites a reconsideration of how AI can contribute to compassionate and inclusive futures of aging and support.