

Abstract

GenAI is increasingly utilized in tasks beyond support of everyday work tasks, and into embedding into communities where they interact with fundamentally human domains like memory, creativity, and emotional engagement. AI's role as supporter or assistant may be insufficient to address needs in these human domains, because humans increasingly expect technology to have their own autonomy, to inspire us with their own ideas and behaviors, and to challenge us into novel paradigms beyond our own human limitations. In this talk, we provide contrasting examples of how GenAI applied to human domains like information recall, conversational listening, creative writing, and humor are challenging canonical paradigms in human-computer interaction, and creating new visions for incorporating that which "we are not used to" into human workflows of the future.

Research referenced: <https://recfro.github.io/pubs/>