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Challenges and advances in environment-based voice interaction

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With far field technologies finally getting to market-ready pricing, we are about to see a large proliferation of environment based voice interactive products. Soon, even through noise and multiple speakers, we'll be able to interact in our home through appliances and specialized devices and in office and retail settings through voice interaction. However, there still exists challenges to build voice interaction. While artificial intelligence is able to predict users desires and answer complex queries, it still requires correct inputs from the user and an ability to effectively communicate results of requests. This talk will review the current state of voice interactive technologies, the areas of development, and discuss where advances will affect human computer interaction in the next 5-10 years.

Biography

Leor Grebler is Co-founder and CEO of Unified Computer Intelligence Corporation (UCIC), a company dedicated to bring voice interaction to hardware. Its initial product - Ubi – The Ubiquitous Computer – was a voice activated computing device that offered instant access to information and control of home automation devices and was the first product to offer natural environment-based voice interaction. He steers UCIC towards its goal of making interaction with technology more human and natural.

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