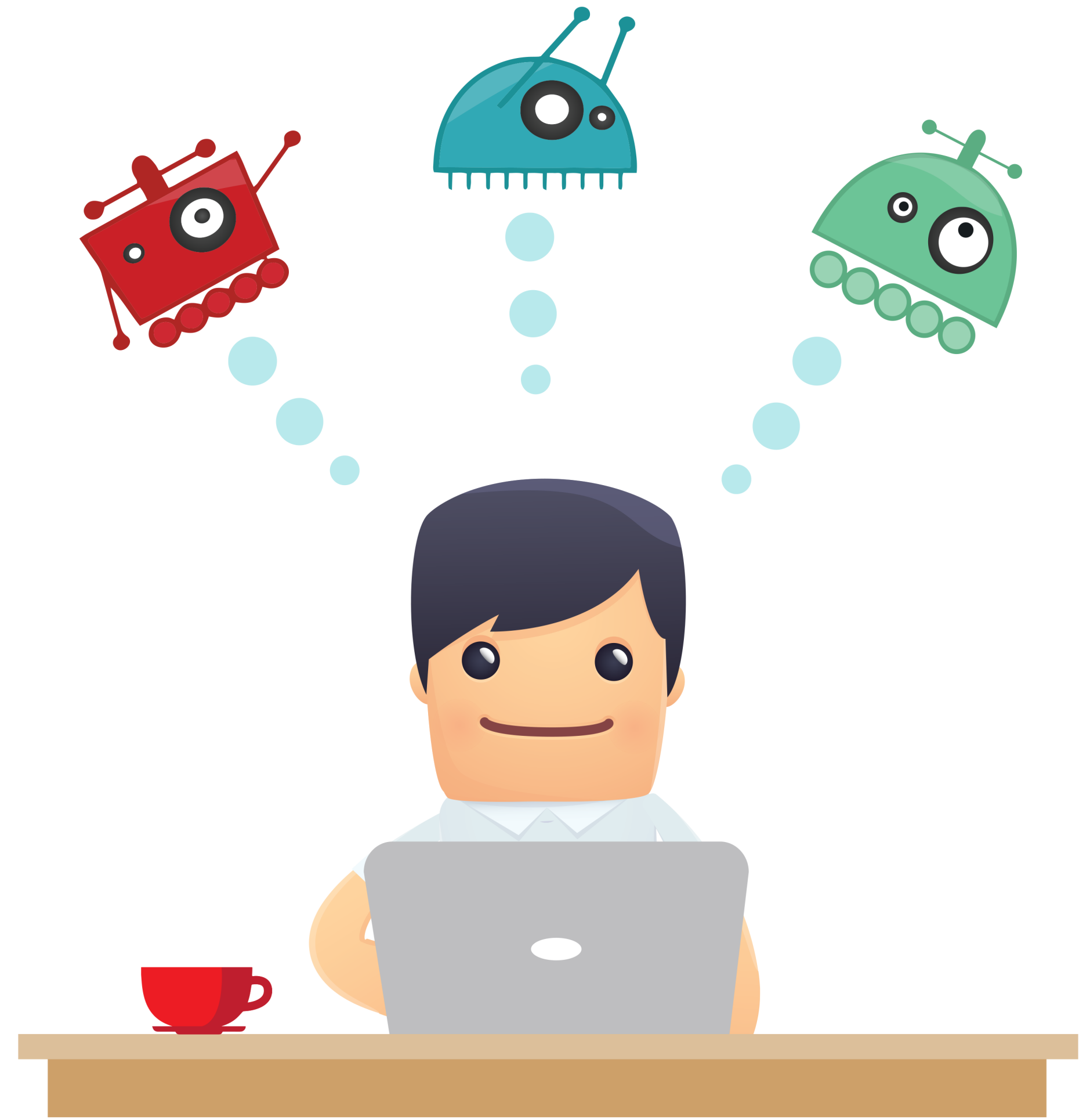


Proxemic Conversational UI: Moving beyond simple conversation

Proxemic CUI Exploration

Our work explores the design of CUI systems by incorporating proxemic interaction concepts into these systems and examining issues that arise from this kind of CUI/bot interaction. We are interested to better understand how the physical arrangement of people in space impacts information flow among people and bots. We invite those in the HCI community also interested in CUI, proxemic interaction, or extending mobile interaction methods to come talk to us, collaborate with us, and explore these issues with real-world client examples.



Proxemic-Aware Devices Reacting to Nearby People



Client at home:

The voice-based system asks the client if they would like a call from customer service as they appear to be struggling with the app.

Client near a bank:

It is unnecessary to call the client if they are already near a person who can help. The conversational UI suggests that the client take their phone to a bank teller for help.

Client near teller:

The system knows that the client is currently in the personal space of the bank teller. The teller's computer is then given access to the user's online banking account.

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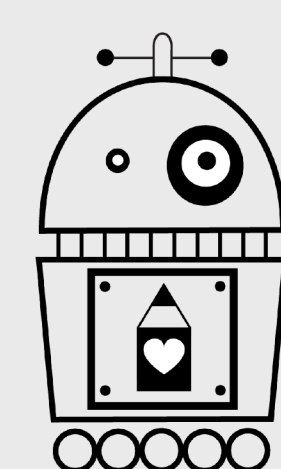
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