

The Empathic Computing Laboratory

Developing systems that create better understanding between people



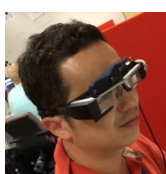
Empathy is about seeing with the eyes of another, listening with the ears of another and feeling with the heart of another. **Empathic Computing** is a research field that develops computer systems that recognise and share emotions and help people better understand one another. The **Empathic Computing Laboratory** is working to make empathic computing mainstream and investigate both software and hardware components that enhances face to face and remote collaboration.

Sample Projects



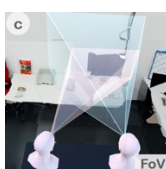
Sharing Empathy in VR Gaming Experiences

We investigate how digitally sharing physiological cues (e.g. heart-rate, GSR) from one player to another in a Virtual Reality (VR) system can enhance the VR experience and improve connection between users.



Empathy Glasses

A head worn Augmented Reality (AR) display that allows a user to send live video of what they are seeing, their eye gaze, and face expression to a remote collaborator. This creates an implicit conferencing experience, very different from traditional conferencing.



Mixed Space Teleconferencing

A collaborative system that allows an AR user to see a remote collaborator in their real space as a 3D virtual person. The remote user is in a VR copy of the AR user's environment and so both people can easily work together using natural communication cues.

Contact Us

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