

COMPUTER SCIENCE
SEMINAR

Making Life Accessible through Machine Learning Applications

Dr. Emily Hand
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Abstract: Dr. Hand's long-term research vision is to build a wearable device that can provide individuals with feedback that improves their social interactions. The ideal users of this system are individuals on the Autism spectrum or those with visual impairments. There is a significant body of work on navigation for the visually impaired, but most of life exists outside of getting from point A to point B. Dr. Hand's research group, the Machine Perception Lab, seeks to improve the quality of life for these individuals by focusing on social interactions. This involves understanding faces, body language, and spoken words. Her group has several active research projects towards this goal, including recognizing first impressions from faces, describing faces, recognizing micro-expressions, summarizing text and identifying sarcasm. ¶br¶ ****Join Zoom Meeting****

Venue: <https://emory.zoom.us/j/98352727203>

Tuesday, December 7, 2021, 1:00 pm
<https://emory.zoom.us/j/98352727203>

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