

INTELLIGENT MACHINE TEAMMATES

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Computing that *augments* human capability

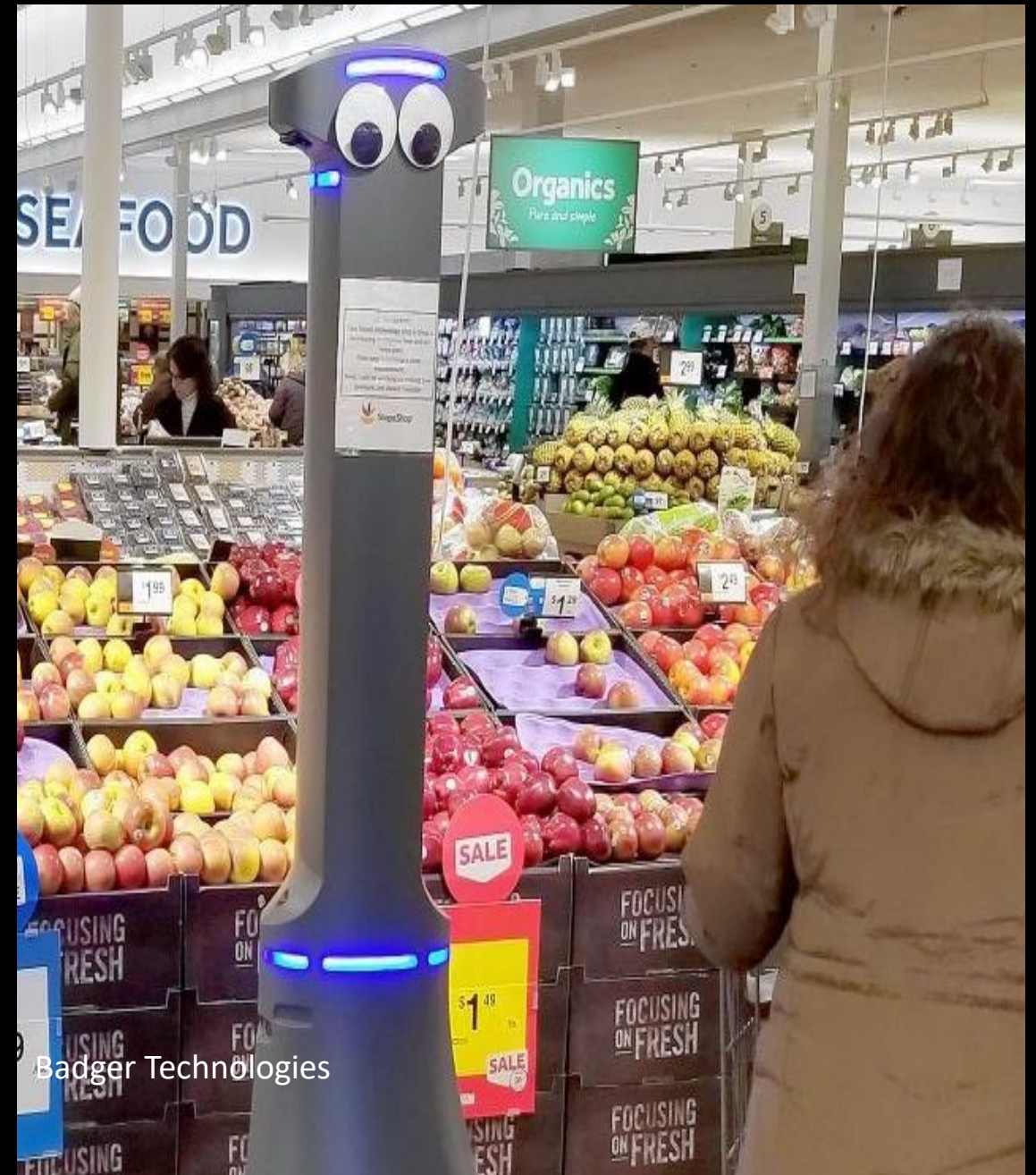


Amazon Robotics



BMW Spartanburg, SC

Coexistence, but *not* collaboration



SF Just Put the Brakes on Delivery Robots







Infer

Anticipate

Adapt

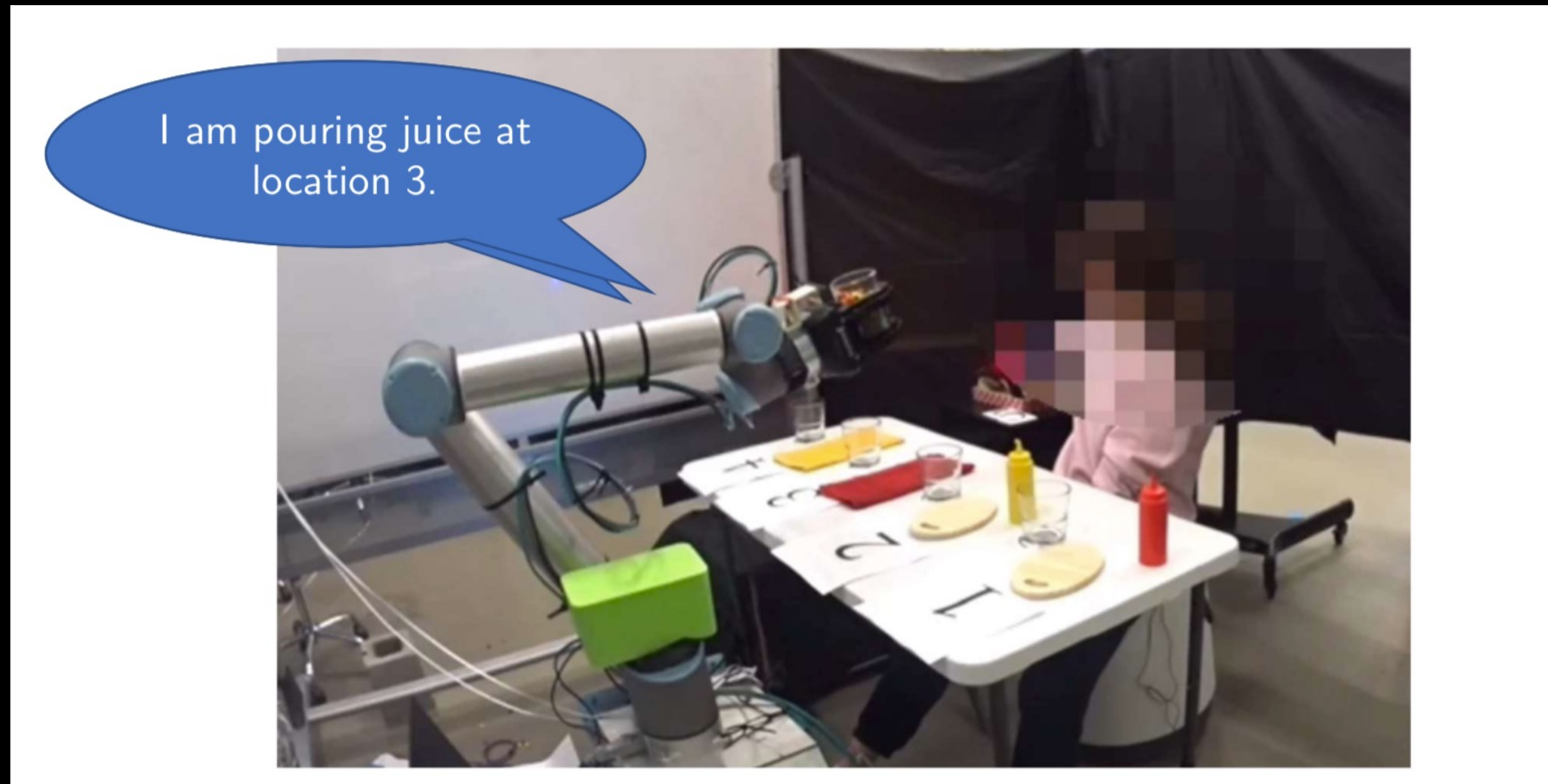


Air Traffic Controller



Resource Nurse: What is a good decision?

Shared Workspace Task



Robot needs to share the space safely and efficiently with the human by effectively choosing its actions and communications.

Decision-Making for Bidirectional Communication in Sequential Human-Robot Collaborative Tasks

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Supplementary video for 2020 ACM/IEEE International Conference on Human-Robot
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