Robots Among Us:

The Future of Team Performance



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Vision

Harness the strengths of humans and robots to accomplish what neither can do alone.



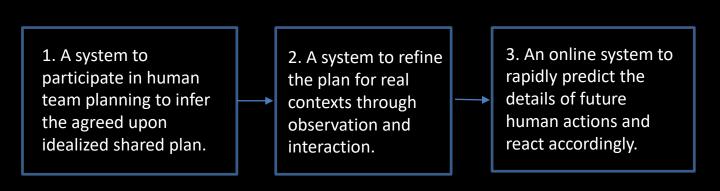
izon Robotics
BMW Spartanburg, SC

Coexistence but *not* Collaboration.





Realizing a robot teammate requires the following sequential system capabilities:

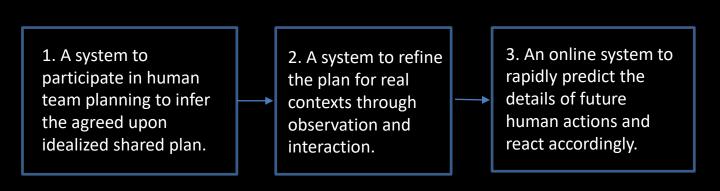








Realizing a robot teammate requires the following sequential system capabilities:



Method: Human motion Coordinate systems are assigned to the arm kinematics Statistical model of each motion class per DOF Fight Hand Position Fight Han

- More efficient collaboration through timeseries classification of human's next action using motion features.
- Accurate prediction with 400msec of human motion.







Multiple Predictor System

