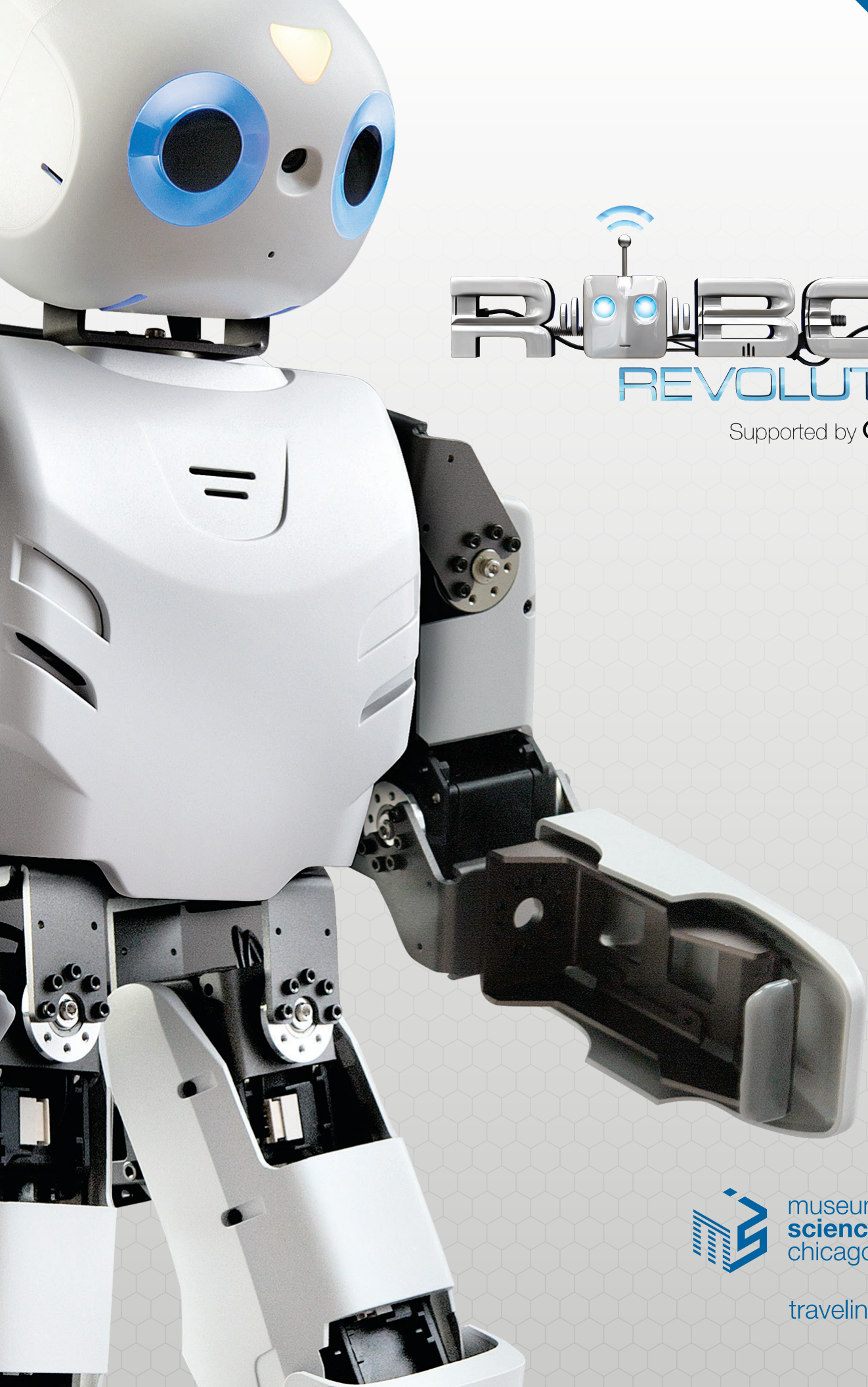


NOW TOURING



ROBOT REVOLUTION™

Supported by **Google.org**



museum of
science+industry
chicago

traveling exhibitions

THE COOLEST ROBOTS EVER, ASSEMBLED...

THERE ARE MOMENTS WHEN A TECHNOLOGY IS POISED TO LEAP FORWARD. THIS IS ONE OF THEM.

Regardless of age, you've seen it happen. A technology arrives to meet a need, and completely changes how we do things. (When was the last time you folded a map?) These ideas start as simple questions: How could this be done better? Faster? Safely? Robots are built to answer these questions—they are a human wonder put into motion. They're prepared to help in ways you might not have imagined, until now.

Robot Revolution is an unprecedented assembly of robot technology from places you normally can't go, doing things you'll barely believe. This exhibit was developed and created by the Museum of Science and Industry, Chicago, and supported by Google.org with additional major support by The Boeing Company.

MEET ROBOTS FACE-TO-INTERFACE: Throughout *Robot Revolution*—a high-touch, high-tech environment—guests will meet nearly 40 cutting-edge robots from around the world and discover what they already do for us. See them enter dangerous landscapes and situations. Play team soccer. Sense and react to our facial expressions. Take five from industrial tasks to take us on at tic-tac-toe. Comfort people in pet-free zones. These robots are meeting needs from the epic to the everyday, and your guests can meet them all.

EXPLORE WHAT'S POSSIBLE: Guests will hear roboticists reveal their inspirations, meet the specialists keeping robots in top shape, and can stop by the Drone Zone for a live show. When they snap together their first working Cubelet robotic machine, it could be the moment when guests envision their own role in the *Robot Revolution*.

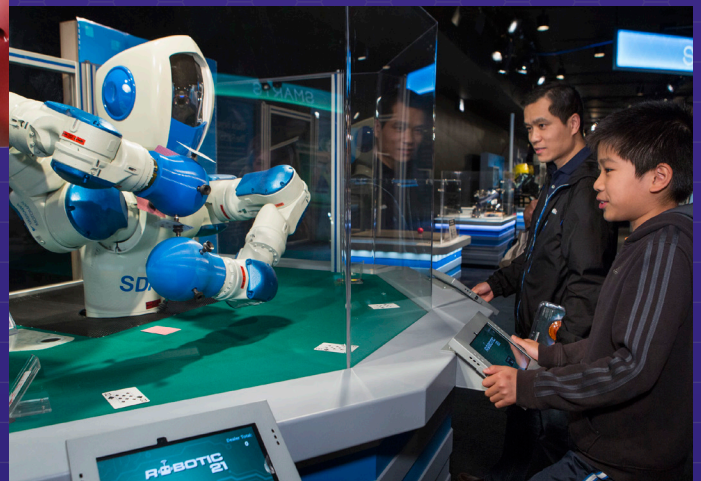
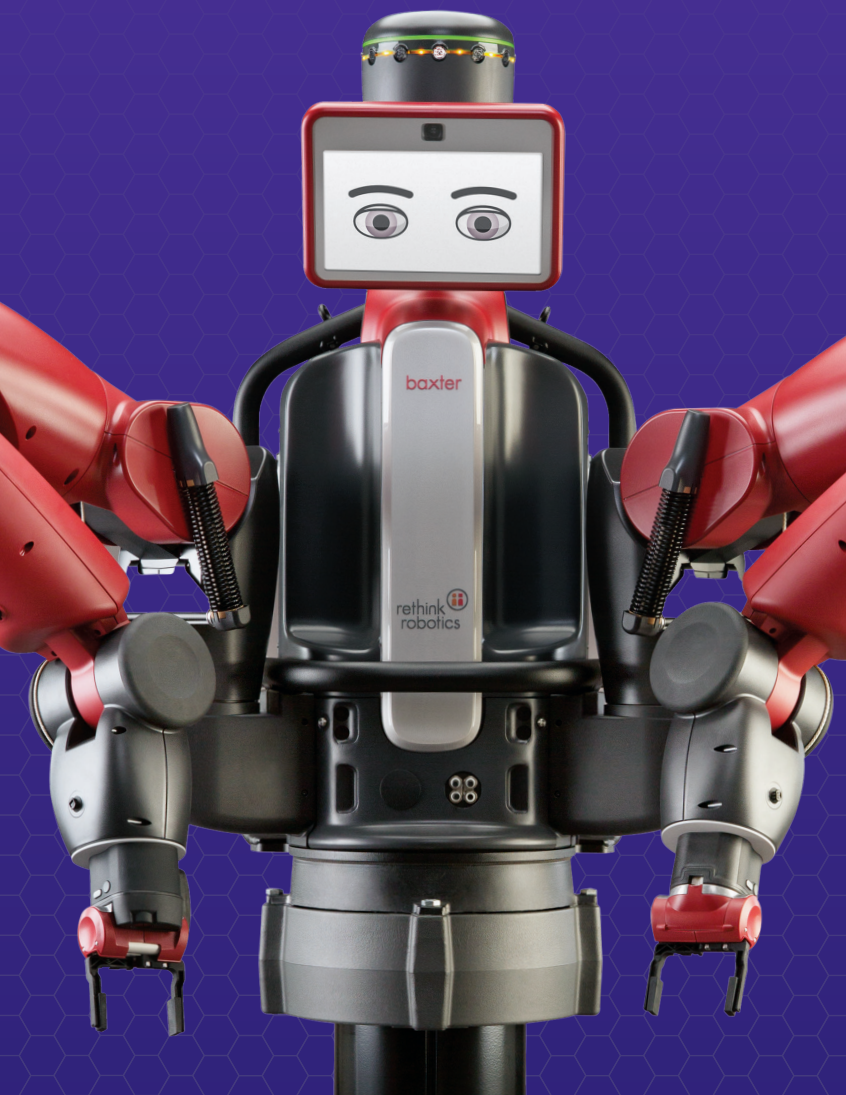


EXHIBIT HIGHLIGHTS

■ **COOPERATION:** Discover how engineering breakthroughs are helping to create robots that can work with humans effectively—and each other—to enhance our lives.

■ **SKILLS:** Learn about the skills robots possess that mimic—and often surpass—human capabilities. Experiment with various advanced robot “grippers” to select and pick up objects.

■ **SMARTS:** Identify how robots sense, plan and then act while comparing and contrasting the ways in which humans and robots learn.

■ **LOCOMOTION:** Explore the ways that robots can move and offer access to places we can’t venture ourselves.



YUME ROBO climbs up and down a ladder and greets guests at the exhibit entry.



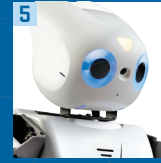
Play tic-tac-toe with **BAXTER**, a robot developed to work alongside humans.



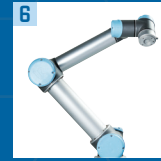
PARO, the furry seal therapy robot, has sensors that respond to touch.



See **EMYS** mimic human facial expressions.

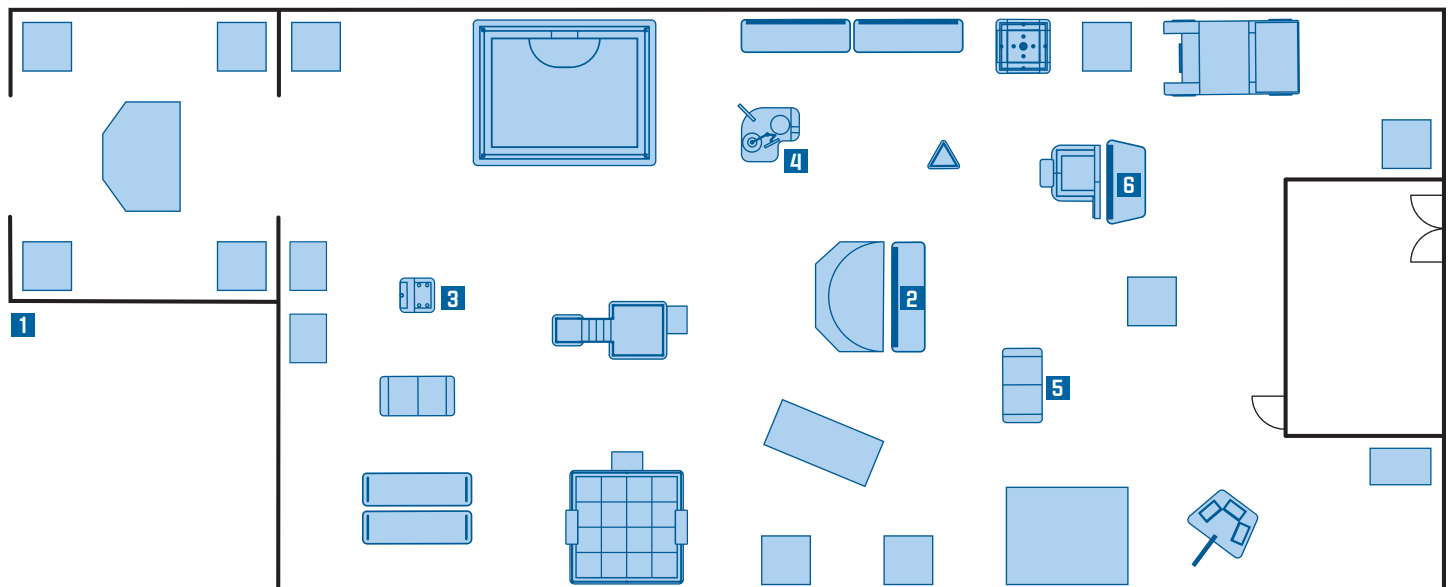


ROBOTIS-OP is able to follow faces and make “eye” contact using visual tracking software.



The **UR5 ROBOT ARM** has the extraordinary ability to learn; simply move the arm, and the robot learns to repeat the movements.

SAMPLE EXHIBIT FLOORPLAN





“ROBOT REVOLUTION BROUGHT US FROM ANOTHER STATE AND WE ENJOYED EVERY MOMENT.”

– EXHIBIT GUEST

HOSTING REQUIREMENTS

SIZE: 8,000 to 10,000 square feet, modular.

STORAGE: 2,000 square feet.

CEILINGS: 12 feet or higher.

RETAIL: The robot store (minimum 600 square feet), tours with the exhibition.

ON-SITE SPECIALISTS

The exhibit tours with three full-time robot specialists trained to keep robots at peak performance. These specialists will also be able to interact with guests and explain their work related to robot mechanics, programming and more.

EXHIBIT TOUR

BOOKED VENUES INCLUDE: Museum of Science and Industry, Chicago; Denver Museum of Nature and Science; The Franklin Institute, Philadelphia; and the Oregon Museum of Science and Industry.

AVAILABLE DATES: October 2018 – February 2019 and March 2019 – October 2019.

MARKETING RESOURCES

With the exhibition rental, institutions will receive a robust kit of marketing resources created by the Museum of Science and Industry, Chicago.

EDUCATIONAL MATERIALS

Created to support the Next Generation Science Standards, teacher field trip resources and online programming will offer in-depth content tailored to student audiences.

CONTACT

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