

# Judges Choice

Code: JC1

Control: Tethered or Autonomous

Open to: Open to all!

Max Robot Size: 35" wide (Must fit through a doorway)

Weight limit: 50Lbs / Axle

Size of Playing Field: none

Explanation: Judges Choice is a chance to show off your treasured robotic creation.

Rules: Robots entered into the Judges Choice competition **MUST** be able to demonstrate a stated task. e.g.

\*Avoid obstacles whilst navigating a determined course.

\*Pick and place objects with a specific repeatability.

\*Determine the load in an elevator and select the amount of power required.

\*Identify between the front or back of a human and talk only to the front.

\*Identify when a vacuum cleaner is 90% full then empty the canister and recharge the system.

\*A terrarium that monitors humidity and heat and maintains both with-in pre-determined parameters.

\*Etc, etc, ...

All robots entered must employ the three rules of robotics.

1) Cause no harm to humans.

2) Obey all human commands unless it conflicts with rule 1.

3) Protect all human life.

Contestants will be required to have their robots on display for at least 4 hours on either Saturday or Sunday.

Contestants should be willing to communicate to the viewing public about their robots during this period.