

Tug-o-War

Level: Beginner

Number of robots: 1 per participant

Robot Weight: Any

Robot Dimensions: Any

Robot Control: Autonomous

Number of robots competing per round: Two

Summary:

Two robots face off attached to either end of a tow line and try to pull each over the threshold.

Event Rules:

Each robot connects to the tow line by hooking the paperclip onto its robot.

Each robot is programmed to move away from the line for no more than 30 seconds.

Scoring:

A robot is considered OUT after being pulled over the line. In the event that neither robot is pulled over the threshold line by the 30 second time limit the round can either be done over or the robot farthest away from the threshold line can be considered the winner.

Playing field: A strip of black tape is placed on the floor to create the threshold.

The tow line consists of a piece of string with a paper clip tied to each end. A small fold of tape is placed at the center of the string to serve as a flag.

