**Points**

Pilots can achieve 10 points per task with a maximum of 100 points per run.

**Scoring**

Pilots with the highest score and best time are rank best.

**Competition rule**

Only powered wheelchairs are allowed. All manipulations must be done by the robotic manipulator.

**Inclusion criteria**

Pilots with a severe walking disability due to any kind of central nervous system disease or injury.
**WHL**

**Tasks**

1. **RESTAURANT**
   **Task:** Approach tables with the wheelchair so that half their thighs are under the tables.
   **Test:** Ability to navigate the wheelchair in confined space and sit frontally at a table.

2. **STAIRS**
   **Task:** Ascend and descend a straight staircase as well as halt the wheelchair in the process.
   **Test:** Ability to ascend and descend a staircase.

3. **PICK UP**
   **Task:** Pick up a bottle from the floor and place it on a table.
   **Test:** Ability to deal with randomly scattered objects to remove the obstructions.

4. **TILTED PATH**
   **Task:** Negotiate a tilted path.
   **Test:** Ability to manage and control a wheelchair on a tilted path.

5. **UPLIFT**
   **Task:** Elevate the wheelchair to reach a specific height.
   **Test:** Ability to adjust the height of a wheelchair depending on the situation.
6. CROWD
Task: Pass between the table without touching orbiting robots.
Test: Pilot’s control and wheelchair’s manoeuvrability and speed.

7. WINDING STAIRS
Task: Climb and descend a flight of winding stairs.
Test: Ability of a wheelchair to ascend and descend the winding stair.

8. DOOR
Task: Open, pass through, and close a door using an external robotic manipulator.
Test: Ability to open, pass through and close a door.

9. ROCKY TERRAIN
Task: Navigate a stony path with the wheelchairs.
Test: Ability to navigate wheelchairs on uneven surfaces - paths in nature.

10. DOORSTEP
Task: Cross a large doorstep.
Test: Wheelchair’s ability to negotiate different types of entryways.