



# RoboCup@Home

Forms & Score Sheets

Version: 2025 1

Last Build Date: January 14, 2025 Time: 571

2025-01-14

# Registration Form



Team name:			
Team leader name:			
Safety first!			
_	. During operation in an e		ot is not allowed to go faster it may not exceed a walking
immediately if there is a rer	note possibility of dangerou or Organizational committe	us behavior towards peoplee, an Executive or Trust	wners have to stop the robot e and/or objects. If a referee, ee of the federation tells the opped <i>immediately</i> .
immediately by a decision	of the RoboCup@Home Trom future competitions for	Technical Committee. Fu	om the ongoing competition rthermore, the team and its a year by a decision of the
	Robot 1	Robot 2	
Size of the robot	100001	100001 2	
Emergency button(s)			_
Start button			
Collision avoidance			
Voice of the robot			_
Robot speaker system			_
Use of external devices			_
ASR Bypassing method			
Other safety issues			_
Custom containers.			
External Devices:  I have read and fully under the rules in the official Rob		eatement and agree to it.	Furthermore, I agree to obey
Date & time	Team leader		



Test:	Poster Session	Gilon
Team name:		-
Referee name:		-

#### **Instructions:**

- 1. Please watch all posters carefully.
- 2. There will be a team member for questions about the poster.
- 3. After viewing the poster and asking your questions you may have, please fill in the evaluation sheet below.
- 4. Is not allowed to evaluate your own team.
- 5. You may use the space below "Remarks:" to take notes for yourself.
- 6. Enter your team's name ("Team name") and your name ("referee name") on top of the sheet.
- 7. Sign the form using either "Referee" or "Team leader" slots at the bottom.

#### **Evaluation** sheet

Tooms	Overall score
Team	of poster (0-10)
Chief Scientist Office	
EPFL@Home	
eR@sers	
FBOT@Home	
Gentlebots	
Hibikino-Musashi@Home	
KIARO	
LAR@Home	
LASR	
LCASTOR	
LyonTech	
NimbRo@Home	
Pumas	
PUMAS-DSPL	
RoboCanes-VISAGE	
RoboFEI@Home	
RoBorregos rUNSWeep	
Serious Cybernetics Corporation (SCC)	
Sinfonia Uniandes	
SKUBA	
SOBITS	
SocRob@Home	
SUTURO-VaB	
Team of Bielefeld (ToBi)	
Tech United Eindhoven	
Tidyboy-DSPL	
Tidyboy-OPL	
Tinker	
TRAIL	
UT Austin Villa@Home	

Т				1		
к	e	rr	ıa	r	ks	:

Date & time	Referee	$Team\ leader$



Test:	Help Me Carry				@Home
Team name:					
Referee name:					
Action		Score	$1^{st} \; \mathbf{try}$	$2^{nd}$ try	$3^{rd}$ try
Main Goal					
Following the per	rson to the car	300			
Perceiving the co	rrect beg (visualize on screen or say which one)	15			
Picking up the co	prrect bag	100			
A . 1 1	1 ( 1 1 1 1 11 11	<b>F</b> 0			

Action	$\mathbf{Score}$	$1^{st}$ try	$2^{nd}$ try	$3^{rd}$ try
Main Goal				
Following the person to the car	300			
Perceiving the correct beg (visualize on screen or say which one)	15			
Picking up the correct bag	100			
Avoiding the crowd of people obstructing the path	50			
Avoiding the small object on the ground	50			
Avoiding the hard-to-see object	50			
Avoiding the area blocked with retractable barriers	50			
Bonus rewards				
Re-reaching the starting location	200			
Joining and staying in the queue on the way to the arena	300			
Penalties				
Dropping the bag	-50			
Deus Ex Machina Penalties				
Rediscovering the operator by natural interaction	-50			
Rediscovering the operator by unnatural interaction	-100	-		
Rediscovering the operator by asking them to come back	-150			
Rediscovering the operator by direct contact	-200			
Special Penalties & Bonuses				
Not attending	-500			
Using alternative start signal	-100			
Outstanding performance	111			
Recordings				
Duration (limit: 5:00 minutes)				
Score per try	1115			
Total Score	1226			
Remarks:				

Date $\&$ time	Referee	$Team\ leader$



Test:	General Purpose Service Robot	@Hom
Team name:		
Referee name:		

Action	$\mathbf{Score}$	$1^{st}$ <b>try</b>	$2^{nd}$ try	$3^{rd}$ try
Main Goal				
Executing the task associated with each command	$3 \times 400$			
Bonus Rewards				
Understanding a command given by a non-expert operator	$3 \times 100$			
Deus Ex Machina Penalties				
Using a custom operator	$3 \times -50$			
Bypassing speech recognition	$3 \times -50$	-		
Instructing a human to perform parts of the task will apply a per	-3×-400			
centage penalty according to similar penalties in other Stage I tests.				
$Special\ Penalties\ {\it \&Bonuses}$				
Not attending	-500			
Using alternative start signal	-100			
Outstanding performance	150			
Recordings				
Duration (limit: 5:00 minutes)				
Score per try	1500			
Total Score Remarks:	1650			

 $\overline{Date\ \&\ time}$   $\overline{Referee}$   $\overline{Team\ leader}$  RoboCup@Home Forms & Score Sheets / Draft version for RoboCup 2025 (Revision 2025-01-14\_1)



Test:	Receptionist			AC.	@Home
Team name:					
Referee name:					
Action		Score	$1^{st}$ try	$2^{nd}$ try	$3^{rd}$ try
$\overline{Main~Goal}$					
Guide the guest t	o the other guests (navigate to the guest group)	$2 \times 15$			
Look in the direct	ion of navigation or at the navigation goal	$2 \times 50$			
Introduce a new g	guest to every other guest and the host	$2 \times 50$			
Offer a free seat t	o the new guest	$2 \times 100$			
Look at the person talking $2 \times 25$					
Look at the person the robot is introducing the guest to $2\times50$					
Bonus Rewards	•				
Open the entrance	e door for a guest	2×100			
Describe the first	guest to the second guest (per corect attribute)	4×30			
Describe the first	guest to the second guest (per incorrect attribute)	4×-30			
Penalties	,	,			
	rmation was memorized (continue with wrong name	-50			
,	opriate gaze (away from conversational partner)	-50			
= =	ot in the direction of the navigation while moving.	-10			
Deus Ex Machi					
Alternative HRI		$2\times-75$			
Not recognizing p	eople	$2 \times -200$			
Special Penaltie	_				
Not attending	2000000	-500			
Outstanding perfe	ormance	90			
Recordings			_	_	_
Duration (limit: 5	<b>5:00</b> minutes)				

Remarks:

Score per try

**Total Score** 

Date & time	Referee	$\overline{\textit{Team leader}}$

900

990



Test:	Serve the Breakfast			Ro	©Home
Team name:					
Referee name:					
Action		Score	$1^{st}$ try	$2^{nd}$ try	$3^{rd}$ try
Main Goal					
Initial navigation	to pick up area	15			
Perceiving object	and categorizing it correctly (visualize or sa	$y)$ $4 \times 15$			
Picking up breakt	fast items for transportation to the table	$4 \times 50$			
Placing breakfast	items on the table	$4 \times 50$			
Pouring cereal int	to the bowl	300			
Bonus Rewards	3				
Pouring milk into	the bowl	300			
Placing a spoon r	next to the bowl	100			
Penalties					
Throwing or drop	pping an object on the table	4×-30			
Spilling cereal wh	ile pouring	-100			
Spilling milk whil	e pouring	-100			
Deus Ex Mach	ina Penalties				
Pointing at an ob		$4 \times -5$			
Handing an objec	et over to the robot	$4\times-50$			
	an object on the table				
	g cereal in the bowl	-300			
$Special\ Penalti$					
Not attending	ee e Bemaeee	-500			
Using alternative	start signal	-100			
Outstanding perfe		117			
$egin{aligned} Recordings \end{aligned}$		11,			
Duration (limit: 3	<b>5:00</b> minutes)				
Score per try		1175			
Total Score		1292			
Remarks:		1202			
Remarks:					
Date & time			$\overline{Team \ l}$	eader	

 $Date \ \ \mathcal{U} \ time$ 



			EZ	<b>boCup</b> @Home
	~		,	,
	Score	$1^{st}$ try	$2^{nd}$ try	$3^{rd}$ try
1.1_	1.5			
-				
	IIy 0×10			
-	5×15			
door without human help	200			
	70			
•	30			
	70			
ect	30			
Penalties				
object over to the robot	$5 \times -50$			
object in the cabinet	$5 \times -15$			
object in the cabinet next to similar objects	$5 \times -50$			
t a target location	$5 \times -25$			
${\cal E}\ Bonuses$				
	-500			
rt signal	-100			
nance	114			
0 minutes)				
	1140			
	1254			
	ble d categorizing it correctly for transportation to the cabinet n shelf and saying on which layer the current d be placed the cabinet ext to similar objects on the cabinet  door without human help ject bet det det det det det det det det det d	d categorizing it correctly for transportation to the cabinet $5 \times 50$ m shelf and saying on which layer the currently $5 \times 15$ d be placed the cabinet $5 \times 15$ ext to similar objects on the cabinet $5 \times 15$ door without human help ject $70$ door without human help ject $70$ ext $70$ dot	ble	ble $15$

 $Team\ leader$ 

Referee



Test:	Clean the Table
Team name:	
Referee name:	

Action		Score	$1^{st}$ try	$2^{nd}$ try	$3^{rd}$ try
Main Goal					
Navigate to the table to pick up items		15			
Picking tableware (cup, bowl, plate)	for transportation to the dish-	- 3×50			
washer					
Picking up cutlery (spoon, fork) for tra	ansportation to the dishwasher	$2 \times 80$			
Picking up a drink for transportation t	o the trash bin	$2 \times 50$			
Placing the tableware and cutlery insid	le the dishwasher	$5 \times 50$			
Placing an item correctly (cleanable, c in the dishwasher	onvenient like a human would	) 5×75			
Placing a drink inside the trash bin		$2 \times 50$			
Bonus Rewards					
Pulling out the dishwasher rack		100			
Pushing in the dishwasher rack		100			
Opening the dishwasher door		200			
Closing the dishwasher door		200			
Picking up the dishwasher tab for trans	sportation to the dishwasher	100			
Placing the dishwasher tab inside the o		r 200			
the tab					
Wiping the area where the drink was		$2 \times 50$			
Deus Ex Machina Penalties					
Handing tableware over to the robot		$3 \times -50$			
Handing cutlery over to the robot		2×-80			
Handing a drink over to the robot		$2 \times -50$			
Having a human place an object in the	dishwasher	$5 \times -50$			
Having a human place a drink inside the		$2 \times -50$			
A human pointing at the trash bin		$2 \times -25$			
Special Penalties & Bonuses					
Not attending		-500			
Using alternative start signal		-100			
Outstanding performance		215			
Recordings					
Duration (limit: 10:00 minutes)					
Score per try		2150			
Total Score		2365			
Remarks:					
$\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$	Referee		Team le	eader	



				RC	@Home
Test:	Enhanced General Purpose Service Robo	ot			
Team name:					
Referee name:					
Action		Score	$1^{st}$ $\mathbf{try}$	$2^{nd}$ try	$3^{rd}$ try
Main Goal					
=	state an encountered problem	3×150			
Solve a problem		$3 \times 650$			
Deus Ex Machi		0 450			
Asking for locatio	_	3×-150			
_	nan to perform parts of the task will appropriate to similar penalties in other Stag				
Special Penaltie	•				
Not attending		-500			
Using alternative	start signal	-100			
Outstanding perfe	_	240			
Recordings Duration (limit: 1	.0:00 minutes)				
Score per try		2400			
Total Score		2640			
Remarks:					

 $Date \ \ \mathcal{U} \ time$ Referee $Team\ leader$ 



Test:	Restaurant			Ro	@Home
Team name:					
Referee name:					
Action		Score	$1^{st}$ $\mathbf{try}$	$2^{nd}$ try	$3^{rd}$ try
Regular Rewards					
Detect calling or wa	aving customer	$2 \times 100$			
Reach a customer's	table without prior guidance/training	$2 \times 100$			
Take an order.		$2 \times 300$			
Serve an order.		$2 \times 300$			
Bonus Rewards					
Use an unattached	tray to transport	$2 \times 200$			
Regular Penaltie	s				
-	ntact when taking an order	$2 \times -80$			

2200

Not reaching the bar (barman has to move from behind the bar to interact  $2\times -80$ 

Remarks:

Total Score

with the robot)

Date & time	$\overline{Referee}$	Team leader

 $Date \ \ \mathcal{U} \ time$ 



$\Gamma\!\mathrm{est}$ :	Stickler for Rules			Ro	@Home	2
Team name:						
Referee name:						
Action		Score	$1^{st}  ext{ try}$	$2^{nd}$ try	$3^{rd}$ try	
Regular Reward	ds		-	-	-	-
	reaking a house rule (indicating the rule by voice) ct, politely clarify to the guest what action he shoul					
	guest is following the rule.	4×200				
$egin{array}{cccccccccccccccccccccccccccccccccccc$		4/200				
	act, politely clarify to the guest what rule is bein	g 4×100				
Regular Penalt	ies					
Talking to a gues	t about a rule they are not breaking	4×-100				
$Deus\ ex\ Machi$						
	the robot towards a guest who is breaking a rule	4×-50				
	e robot which rule is being broken	4×-100				
Special Penaltic	$es~~ {\cal U}~~ Bonuses$	<b>F</b> 00				
Not attending		-500				
Using alternative	_	-100				
Outstanding perfe	ormance	200				
Recordings Duration (limit: 1	10:00 minutes)					
Score per try		2000				
Total Score		2200				
Remarks:						

 $Team\ leader$ 

Referee

#### Score Shoot



score si	ieet	RoboCup
Test:	Final Demonstration — Jury Evaluation	Whome
Team name:		
Referee name:		
Instructions:		
	h all demonstrations carefully.  of the demonstration you may ask questions.	

3. After demonstration and questions, please fill in the evaluation sheet below.

4. You may use the space below "Remarks:" to take notes for yourself.

5. Enter your your name ("referee name") on top of the sheet. 6. Sign the form using the "Referee" slot at the bottom.

#### **Evaluation** sheet

	Originality and	Relevance/usefulness to	Elegance of	Success of
Team	presentation*	everyday life	overall demonstration	overall demonstration
	(0-10)	(0-10)	(0-10)	(0-10)
Fifth				
Fourth				
Third				
Second				
First				

<sup>\*</sup> Story telling is to be rewarded

#### Remarks:

Date & time	$-rac{-}{Referee}$	Team leader
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 $Date \ \ \mathcal{U} \ time$ 



of the demonstration nstration and question se the space below "F your name ("referee:	you may ask questions.  ns, please fill in the evaluation temarks:" to take notes for youname") on top of the sheet.		
on to @Home for @Home / Novelty			
et			
Efficacy of on to main objective (0-10)	Elegance of solution to main objective (0-10)	Innovation/contribution of additional tasks (0-10)	Difficulty/Success of overall demonstratio (0-10)
	of the demonstration on the space below "Referee to the space below "Referee to the wing the the wi	se the space below "Remarks:" to take notes for y your name ("referee name") on top of the sheet. It is musing the "Referee" slot at the bottom.  Ontribution on to @Home for @Home / Novelty of approaches in and performance in the finals  et  Efficacy of Elegance of solution to main objective	of the demonstration you may ask questions. Instration and questions, please fill in the evaluation sheet below. Instration and questions, please fill in the evaluation sheet below. Instration and questions, please fill in the evaluation sheet below. Instration and questions, please fill in the evaluation sheet below. Instration and questions, please fill in the evaluation sheet below. Instration and questions, please fill in the evaluation sheet below. Instration and questions, please fill in the evaluation sheet below. Instration and questions, please fill in the evaluation sheet below. Instration and questions, please fill in the evaluation sheet below. Instration and questions, please fill in the evaluation sheet below. Instration and questions, please fill in the evaluation sheet below. Instration and questions, please fill in the evaluation sheet below. Instration and questions, please fill in the evaluation sheet below. Instration and questions, please fill in the evaluation sheet below. Instration and questions, please fill in the evaluation sheet below. Instration and questions, please fill in the evaluation sheet below. Instration and questions, please fill in the evaluation sheet below. Instration and questions, please fill in the evaluation sheet below. Instration and questions, please fill in the evaluation sheet below. Instration and questions, please fill in the evaluation sheet.  Instration and questions, please fill in the evaluation sheet.  Instration and question and question sheet.  Instration and question and question and question sheet.  Instration and question and question sheet.  Instration and question sheet.  Instration and question sheet.  Instration and question sheet.  Instration and question sheet.  Instruction and questio

 $Team\ leader$ 

Referee