



RoboCup@Home

Forms & Score Sheets

Version: 2025 1

Last Build Date: December 3, 2024 Time: 555

2024-11-25

Registration Form



Team name:			
Team leader name:			
Safety first!			
The speed of the robots shot than the local speed limits. pace of humans (6 kph, 3.7	During operation in an ex		_
At any time when operating immediately if there is a remember of the Technical or team to stop the robot, the	note possibility of dangerour Organizational committee	us behavior towards peoplee, an Executive or Trust	le and/or objects. If a refere tee of the federation tells th
If the team does not compimmediately by a decision members can be banned fr RoboCup Federation Truste	of the RoboCup@Home Tom future competitions for	Technical Committee. Fu	erthermore, the team and i
	Robot 1	Robot 2	
Size of the robot			
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 understhe rules in the official Rob	=	atement and agree to it.	Furthermore, I agree to ob
Date & time	$\frac{}{Team\ leader}$		



Test:	Poster Session	
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	$\overline{Referee}$	Team leader

Remarks:



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	son to the car	300			
Perceiving the co	rrect beg (visualize on screen or say which one)	15			
Picking up the co	rrect bag	100			
Avoiding the crov	vd of people obstructing the path	50			

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

$\overline{Date \ \mathcal{C} \ time}$	$\overline{Referee}$	$\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$



Test:	General Purpose Service Robot			RC	@Home
Team name:					
Referee name:					
Action		Score	1^{st} \mathbf{try}	2^{nd} try	3^{rd} try
Main Goal Executing the tas	k associated with each command	3×400			
Bonus Rewards	a associated with each command	3~400			
	command given by a non-expert operator	3×100			
Deus Ex Machi		5×100			
Using a custom of		3×-50			
Bypassing speech		3×-50			
_	nan to perform parts of the task will apply a ecording to similar penalties in other Stage I	- '			
Special Penaltie					
Not attending		-500			
Using alternative	start signal	-100			
Outstanding perfe	ormance	150			
Recordings Duration (limit: 5	::00 minutes)				
Score per try		1500			
Total Score Remarks:		1650			

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



Test:	Receptionist	
Team name:		
Referee name:		

Action	Score	1^{st} try	2^{nd} try	3^{rd} try
Main Goal		-	-	
Guide the guest to the other guests (navigate to the guest group)	2×15			
Look in the direction of navigation or at the navigation goal	2×50			
Introduce a new guest to every other guest and the host	2×50			
Offer a free seat to the new guest	2×100			
Look at the person talking	2×25			
Look at the person the robot is introducing the guest to	2×50			
Bonus Rewards				
Open the entrance 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				
Wrong guest information was memorized (continue with wrong name	-50			
or drink)				
Persistent inappropriate gaze (away from conversational partner)	-50			
Persistent gaze not in the direction of the navigation while moving.	-10			
Deus Ex Machina				
Alternative HRI	2×-75			
Not recognizing people	2×-200			
Special Penalties & Bonuses				
Not attending	-500			
Outstanding performance	90			
Recordings				
Duration (limit: 5:00 minutes)				
Score per try	900			
Total Score	990			
D 1				

Remarks:

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



Test:	Serve the Breakfast			Ro	®Home
	Serve the Breaklast				
Team name:					
Referee name:					
Action		Score	1^{st} try	2^{nd} try	3^{rd} try
Main Goal					
Initial navigation t	o pick up area	15			
Perceiving object a	and categorizing it correctly (visualize or say)	4×15			
Picking up breakfa	st items for transportation to the table	4×50			
Placing breakfast i	tems on the table	4×50			
Pouring cereal into	the bowl	300			
Bonus Rewards					
Pouring milk into	the bowl	300			
Placing a spoon ne	ext to the bowl	100			
Penalties					
Throwing or dropp	oing an object on the table	4×-30			
Spilling cereal whi	le pouring	-100			
Spilling milk while	pouring	-100			
Deus Ex Machin	na Penalties				
Pointing at an obj	ect	4×-5			
Handing an object	over to the robot				
A human placing a	an object on the table	4×-50			
A human pouring	cereal in the bowl	-300			
$Special\ Penaltie$	$s \ {\it \& Bonuses}$				
Not attending		-500			
Using alternative s		-100			
Outstanding perfo	rmance	117			
Recordings					
Duration (limit: 5	:00 minutes)				
Score per try		1175			
Total Score		1292			
Remarks:					
Total Score Remarks:		1292			

 $Team\ leader$

Referee

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



_				Ro	boCu @Hom
Test:	Storing Groceries				
Team name:					
Referee name:					
A		C	101	and i	and i
$egin{array}{c} {\bf Action} \\ {\it Main~Goal} \end{array}$		Score	1° try	2^{nd} try	3^{rd} try
Navigating to the	table	15			
	and categorizing it correctly	5×15			
= -	ect for transportation to the cabinet	5×50			
	s in shelf and saying on which layer the current				
Placing an object	_	5×15			
	next to similar objects on the cabinet	5×50			
Bonus Rewards					
	net door without human help	200			
Picking up a tiny	object	70			
Placing a tiny obj	ect	30			
Picking up a heav	y object	70			
Placing a heavy of	bject	30			
Deus Ex Machi	na Penalties				
A human handing	an object over to the robot	5×-50			
A human placing	an object in the cabinet	5×-15			
A human placing	an object in the cabinet next to similar objects	5×-50			
A human pointing	; at a target location	5×-25			
$Special\ Penaltie$	$es \mathcal{E} Bonuses$				
Not attending		-500			
Using alternative	start signal	-100			
Outstanding perfe	rmance	114			
Recordings Duration (limit: 5	::00 minutes)				
Score per try	,	1140			
ocore per cry		,			
Total Score		1254			

Referee $Team\ leader$

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



$\Gamma\!\mathrm{est}$:	Clean the Table			Ro	@Home	e
Team name:						
Referee name:						
Action		Score	1^{st} \mathbf{try}	2^{nd} try	3^{rd} try	
Main Goal						_
Navigate to the ta	ble to pick up items	15				
Picking tableware	(cup, bowl) for transportation to the dishwasher	2×40				
Picking up a plate	for transportation to the dishwasher	50				
Picking up cutlery	(spoon, fork) for transportation to the dishwasher	2×80				
Placing the tables	vare and cutlery inside the dishwasher	5×50				
Placing an item c in the dishwasher	orrectly (cleanable, convenient like a human would)	5×50				
Bonus Rewards						
Pulling out the di	shwasher rack	100				
Pushing in the dis	hwasher rack	100				
Opening the dishy		200				
Closing the dishwa	asher door	200				
Picking up the dis	hwasher tab for transportation to the dishwasher	100				
Placing the dishw	asher tab inside the dishwasher's hatch intended for	200				
Deus Ex Machi	na Penalties					
	e over to the robot	2×-40				
Handing plate ove	r to the robot	-50				
Handing cutlery o	ver to the robot	2×-80				
	place an object in the dishwasher	5×-50				
$Special\ Penaltie$	$es~\mathcal{B}~Bonuses$					
Not attending		-500				
Using alternative	start signal	-100				
Outstanding perfo	9	170				
Recordings						
Duration (limit: 1	0:00 minutes)					
Score per try		1705				
Total Score		1875				
Remarks:						
Remarks:						

 $Team\ leader$

Referee



Test:	Enhanced General Purpose Service Ro	obot			@Home
Team name:	-				
ream name:					
Referee name:					
Action		Score	1^{st} try	2^{nd} try	3^{rd} try
Main Goal					
Find and clearly s	tate an encountered problem	3×150			
Solve a problem		3×650			
Deus Ex Machi	na Penalties				
Asking for locatio	_	3×-150			
	nan to perform parts of the task will a				
	eccording to similar penalties in other St	age II tests.			
Special Penaltie	$es~ {\it \& Bonuses}$				
Not attending		-500			
Using alternative		-100			
Outstanding perfe	ormance	240			
Recordings Duration (limit: 1	.0:00 minutes)				
Score per try		2400			
Total Score		2640			
Remarks:					



Test:	Restaurant	
Team name:		
Referee name:		

Action	\mathbf{Score}	1^{st} try	2^{nd} try	3^{rd} try
Regular Rewards				
Detect calling or waving customer	2×100			
Reach a customer's table without prior guidance/training	2×100			
Take an order.	2×300			
Serve an order.	2×300			
Bonus Rewards				
Use an unattached tray to transport	2×200			
Regular Penalties				
Not making eye-contact when taking an order	2×-80			
Not reaching the bar (barman has to move from behind the bar to interact	2×-80			
with the robot)				
Deus ex Machina Penalties				
Being guided to a table	2×-200			
Asking the Barman to handover object to the robot	4×-50			
Guest needing to take the object from a tray or the robot's hand	4×-50			
Being told/pointed where is a table/Kitchen-bar	2×-100			
Special Penalties & Bonuses				
Not attending	-500			
Using alternative start signal	-100			
Outstanding performance	200			
Recordings				
Duration (limit: 15:00 minutes)				
Score per try	2000			
Total Score	2200			

Remarks:



Test:	Stickler for Rules			AC	@Home
Team name:					
Referee name:					
Action		Score	1^{st} \mathbf{try}	2^{nd} try	$3^{rd} ext{ try}$
Regular Reward					
	reaking a house rule (indicating the rule by ve	, ,			
take.	et, politely clarify to the guest what action he s				
	guest is following the rule.	4×200			
Bonus Rewards Making eye-conta broken.	ct, politely clarify to the guest what rule is	being 4×100			
Regular Penalti Talking to a guest	es about a rule they are not breaking	4×-100			
Deus ex Machie	na Penalties				
	the robot towards a guest who is breaking a r				
	robot which rule is being broken	4×-100			-
Special Penaltie	es & Bonuses	500			
Not attending Using alternative	gtart gignal	$-500 \\ -100$			
Outstanding perfe		200			
Recordings		200			
Duration (limit: 1	0:00 minutes)				
Score per try		2000			
Total Score		2200			
Remarks:					
Date & time			Team le	eader	

Score Shoot



ocore or	1000	Robo Cup @Home
Test:	Final Demonstration — Jury Evaluation	enome
Team name:		-
Referee name:		-
Instructions:		
1 Please watc	h all demonstrations carefully	

- 1. Please watch all demonstrations carefully.
- 2. At the end 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				

^{*} Story telling is to be rewarded

Remarks:

Date & time	Referee	Team leader

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



Test:		Final Demonstration	on — Executive Committee		@Home
Team na	ame:				
Referee					
Instruct	ions:				
 At t Afte You Ent 	the end over demon to may use ter your y	stration and questice the space below "Four name ("referee	carefully. you may ask questions. ons, please fill in the evaluation Remarks:" to take notes for youname") on top of the sheet. e" slot at the bottom.		
Criteria:	:				
ScieConRele	entific con ntribution evance fo	ntribution n to @Home r @Home / Novelty n and performance in			
Evaluati	on shee	t			
Team	solution	Efficacy of to main objective (0-10)	Elegance of solution to main objective (0-10)	Innovation/contribution of additional tasks (0-10)	Difficulty/Success of overall demonstration (0-10)
Fifth					
Fourth					
Third					
Second First					
Remark	s:				

 $Team\ leader$

Referee