



RoboCup@Home

Forms & Score Sheets

Version: 2025 1

Last Build Date: December 3, 2024 Time: 555

2024-12-03

Registration Form



Team name:			
Team leader name:			
Safety first!			
_	. During operation in an e		obot is not allowed to go faster as it may not exceed a walking
immediately if there is a rea	mote possibility of dangeror or Organizational committe	us behavior towards peo ee, an Executive or Tru	owners have to stop the robot ple and/or objects. If a referee, stee of the federation tells the stopped <i>immediately</i> .
immediately by a decision	of the RoboCup@Home Trom future competitions for	Technical Committee. I	from the ongoing competition Furthermore, the team and its an a year by a decision of the
	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 under the rules in the official Rol		tatement and agree to it	. Furthermore, I agree to obey
$\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$	$Team\ leader$		



Test:	Poster Session	enon
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

Toom	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	

Remarks:	

Date & time	$\overline{Referee}$	Team leader
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				Ro	boCuj
Test:	Help Me Carry				ono
Team name:					
Referee name:					
Action		Score	1^{st} try	2^{nd} try	3^{rd} try
Main~Goal					
Following the per		300			
	rrect beg (visualize on screen or say which one)	15			
Picking up the co	_	100			
=	vd of people obstructing the path	50			
_	ll object on the ground	50			
Avoiding the hard	d-to-see object	50			
Avoiding the area	a blocked with retractable barriers	50			
$Bonus\ rewards$					
Re-reaching the s	tarting location	200			
Joining and stayi	ng in the queue on the way to the arena	300			
Penalties					
Dropping the bag		-50			
Deus Ex Mach	ina Penalties				
Rediscovering the	e operator by natural interaction	-50			
Rediscovering the	e operator by unnatural interaction	-100			
Rediscovering the	e operator by asking them to come back	-150			
Rediscovering the	e operator by direct contact	-200			
Special Penalti	$es~\mathcal{B}~Bonuses$				
Not attending		-500			
Using alternative	start signal	-100			
Outstanding perfe		111			
Recordings					
Duration (limit: \	5:00 minutes)				
Score per try		1115			
. ~		1226			
Total Score					

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



Test:	General Purpose Service Robot				@Hom
Team name:					
Referee name:					
Action		Score	1^{st} try	2^{nd} try	3^{rd} try
Main Goal		0 100			
	associated with each command	3×400			
Bonus Rewards		2 400			
_	ommand given by a non-expert operator	3×100			
Deus Ex Machi		2 72			
Using a custom op					
Bypassing speech	9	3×-50			
	an to perform parts of the task will apply a coording to similar penalties in other Stage I t				
Special Penaltie	$s \ {\it \& Bonuses}$				
Not attending		-500			
Using alternative s	_	-100			
Outstanding perfo	rmance	150			
Recordings Duration (limit: 5	:00 minutes)				
Score per try		1500			
Total Score Remarks:		1650			



Test:	Receptionist				@Home
Team name:					
Referee name:					
Action		Score	1^{st} \mathbf{try}	2^{nd} try	$3^{rd} ext{ try}$
$\overline{Main~Goal}$					
Guide the guest t	to the other guests (navigate to the guest group)	2×15			
Look in the direc	tion 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	on talking	2×25			
Look at the person	on the robot is introducing the guest to	2×50			
Bonus Rewards	8				
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					
Wrong guest info or drink)	rmation was memorized (continue with wrong name	e -50			
Persistent inappr	opriate gaze (away from conversational partner)	-50			
Persistent gaze ne	ot in the direction of the navigation while moving.	-10			
Deus Ex Mach					
Alternative HRI		2×-75			
Not recognizing p	people	2×-200			
$Special\ Penalti$	_				
Not attending		-500			

90

900

990

Remarks:

Total Score

Recordings

Score per try

Outstanding performance

Duration (limit: 5:00 minutes)

Date & time	Referee	$\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$



Test:	Serve the Breakfast				@Home
Team name:					
Referee name:					
Action		\mathbf{Score}	1^{st} try	2^{nd} try	3^{rd} try
$rac{ ext{Action}}{ ext{Main Goal}}$		Score	1^{st} try	2^{nd} try	3^{rd} try
	to pick up area	Score 15	<u> </u>	2 nd try	
Main Goal Initial navigation	to pick up area and categorizing it correctly (visualize or say)			<u> </u>	
Main Goal Initial navigation Perceiving object		15			
Main Goal Initial navigation Perceiving object Picking up breakf	and categorizing it correctly (visualize or say)	15 4×15			

Initial navigation to pick up area	15	 	
Perceiving object and categorizing it correctly (visualize or say)	4×15	 	
Picking up breakfast items for transportation to the table	4×50	 	
Placing breakfast items on the table	4×50	 	
Pouring cereal into the bowl	300	 	
Bonus Rewards			
Pouring milk into the bowl	300	 	
Placing a spoon next to the bowl	100	 	
Penalties			
Throwing or dropping an object on the table	4×-30	 	
Spilling cereal while pouring	-100	 	
Spilling milk while pouring	-100	 	
Deus Ex Machina Penalties			
Pointing at an object	4×-5	 	
Handing an object over to the robot	4×-50	 	
A human placing an object on the table	4×-50	 	
A human pouring cereal in the bowl	-300	 	
Special Penalties & Bonuses			
Not attending	-500	 	
Using alternative start signal	-100	 	
Outstanding performance	117	 	
Recordings			
Duration (limit: 5:00 minutes)		 	
Score per try	1175	 	
Total Score	1292		

К	$\mathbf{e}\mathbf{m}$	ar	KS:

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



				Ro	boCup @Home
Test:	Storing Groceries				
Team name:					
Referee name:					
Action		Score	1^{st} try	2^{nd} try	3^{rd} try
Main Goal					
Navigating to the	table	15			
Perceiving object	and categorizing it correctly	5×15			
Picking up an obj	ect for transportation to the cabinet	5×50			
Perceiving objects handled object sh	s in shelf and saying on which layer the curren ould be placed	tly 5×15			
Placing an object	in the cabinet	5×15			
Placing an object	next to similar objects on the cabinet	5×50			
Bonus Rewards					
Opening the cabin	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 o	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	g at a target location	5×-25			
$Special\ Penaltie$	$es~~ {\it \&}~~ Bonuses$				
Not attending		-500			
Using alternative	start signal	-100			
Outstanding perfe		114			
Recordings					
Duration (limit: 5	:00 minutes)				
Score per try		1140			
Total Score		1254			
Remarks:					

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

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



Test:	Clean the Table			RC	®Home
Team name:					
Referee name:					
Action		Score	$1^{st} ext{ try}$	2^{nd} try	3^{rd} try
$\overline{Main~Goal}$			-	-	-
Navigate to the ta	ble to pick up items	15			
Picking tableware	(cup, bowl) for transportation to the dishwa	sher 2×40			
Picking up a plate	for transportation to the dishwasher	50			
Picking up cutlery	(spoon, fork) for transportation to the dish	washer 2×80			
Placing the tablew	rare and cutlery inside the dishwasher	5×50			
Placing an item co in the dishwasher	orrectly (cleanable, convenient like a human	would) 5×50			
Bonus Rewards					
Pulling out the dis	shwasher rack	100			
Pushing in the dis	hwasher rack	100			
Opening the dishw	vasher door	200			
Closing the dishwa	sher door	200			
Picking up the dis	hwasher tab for transportation to the dishwa	asher 100			
Placing the dishwathe tab	asher tab inside the dishwasher's hatch inter	ded for 200			
Deus Ex Machie	na Penalties				
Handing tableware	e over to the robot	2×-40			
Handing plate ove	r to the robot	-50			
Handing cutlery o	ver to the robot	2×-80			
Having a human p	lace an object in the dishwasher	5×-50			
Special Penaltie	$s \ {\it \& Bonuses}$				
Not attending		-500			
Using alternative s	start signal	-100			
Outstanding perfo	rmance	170			
Recordings					
Duration (limit: 1	0:00 minutes)				
Score per try		1705			
Total Score		1875			
Remarks:					

 $Team\ leader$

Referee



Test:	Enhanced General Purpose Service Robe	ot			@Home
Team name:					
Referee name:					
rteleree name.					
Action		Score	1^{st} \mathbf{try}	2^{nd} try	3^{rd} try
Main Goal					
Find and clearly s	state an encountered problem	3×150			
Solve a problem		3×650			
Deus Ex Machi					
Asking for locatio		3×-150			
	nan to perform parts of the task will app				
	ccording to similar penalties in other Stag	e II tests.			
Special Penaltie	$es \mathfrak{C} Bonuses$	500			
Not attending	stant signal	-500 -100			
Using alternative Outstanding perfe		-100 240			
Recordings	nmance	240			
Duration (limit: 1	.0:00 minutes)				
Score per try		2400			
Total Score		2640			
Remarks:					

 $Date \ \& \ time$



				Ro	boCuj @Hom
Test:	Restaurant				
Team name:					
Referee name:					
Action		Score	1^{st} try	2^{nd} try	3^{rd} try
Regular Rewards					
Detect calling or war		2×100			
	table without prior guidance/training	2×100			
Take an order.		2×300			
Serve an order.		2×300			
Bonus Rewards					
Use an unattached t		2×200			
$Regular\ Penalties$					
Not making eye-cont	act when taking an order	2×-80			
Not reaching the barwith the robot)	r (barman has to move from behind the bar to	interact 2×-80			
$Deus\ ex\ Machina$					
Being guided to a ta	ble	2×-200			
Asking the Barman	to handover object to the robot	4×-50			
Guest needing to tal	se the object from a tray or the robot's hand	4×-50			
Being told/pointed variables Special Penalties	where is a table/Kitchen-bar **Bonuses**	2×-100			
Not attending		-500			
Using alternative sta	rt signal	-100			
Outstanding perform	nance	200			
Recordings					
Duration (limit: 15:	00 minutes)				
Score per try		2000			
Total Score		2200			
Remarks:					

Referee $Team\ leader$

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



Test:	Stickler for Rules			RC	@Home
Team name:					
Referee name:					
Action		Score	1^{st} try	2^{nd} try	3^{rd} try
Regular Reward	ls				
	reaking a house rule (indicating the rule by voice).				
waking eye-contac take.	ct, politely clarify to the guest what action he should	u 4×100			
Confirm that the	guest is following the rule.	4×200			
Bonus Rewards					
Making eye-conta broken.	ct, politely clarify to the guest what rule is being	g 4×100			
Regular Penalti					
9 9	t about a rule they are not breaking	4×-100			
Deus ex Machi A human directs t	na Penaities the robot towards a guest who is breaking a rule	4×-50			
	e robot which rule is being broken	4×-100			
Special Penaltie	es & Bonuses				
Not attending		-500			
Using alternative Outstanding perfe	_	-100 200			
Recordings	niiance	200			
Duration (limit: 1	10:00 minutes)				
Score per try		2000			
Total Score		2200			
Remarks:					

 $Team\ leader$

Referee



Test:	Final Demonstration — Jury Evaluation	@Hom
Team name:		
Referee name:		

Instructions:

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



ation and questice space below "I name ("referee	n you may ask questions. cons, please fill in the evaluation Remarks: " to take notes for you name") on top of the sheet. e" slot at the bottom.		
te demonstration and questice space below "I name ("referee sing the "Refere bution @Home Novelty	n you may ask questions. cons, please fill in the evaluation Remarks: " to take notes for you name") on top of the sheet. e" slot at the bottom.		
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@Home Home / Novelty			
icacy of 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)
·		()	

 $Team\ leader$

Referee