



RoboCup@Home

Forms & Score Sheets

Version: 2025 1

Last Build Date: October 3, 2024 Time: 401

2024-09-30

Registration Form



Team name:			
Team leader name:			
Safety first!			
_	. During operation in an en		cobot is not allowed to go faster ans it may not exceed a walking
immediately if there is a remember of the Technical of	mote possibility of dangerou	ns behavior towards pec ee, an Executive or Tru	owners have to stop the robot ople and/or objects. If a referee, ustee of the federation tells the stopped <i>immediately</i> .
immediately by a decision	of the RoboCup@Home Trom future competitions for	Cechnical Committee.	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 Ro		atement and agree to i	t. Furthermore, I agree to obey
Date & time	$\overline{Team\ leader}$		



Test:	Poster Session	GINO
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	

Remarks:

te & time	- $Referee$	$\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$

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



				RC	boCu @Hom
Test:	Help Me Carry				@Нот
Team name:					
Referee name:					
The maximum tir	ne for this test is 5 minutes.				
Action		Score	1^{st} try	2^{nd} try	3^{rd} try
Main Goal					
Following the pers		300			
	rrect beg (visualize on screen or say which one)	15			
Picking up the co	9	100			
Avoiding the crow	d of people obstructing the path	50			
=	ll object on the ground	50			
Avoiding the hard	l-to-see object	50			
Avoiding the area	blocked with retractable barriers	50			
$Bonus\ rewards$					
Re-reaching the st	tarting location	200			
Joining and staying	ng in the queue on the way to the arena	300			
Penalties					
Dropping the bag		-50			
Deus Ex Machi	ina 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			
$Special\ Penaltie$	$es~\mathcal{E}~Bonuses$				
Not attending		-500			
Using alternative	start signal	-100			
Outstanding perfe	_	111			
Score per try		1115			
score per vig		1110			
Total Score		1226			
Remarks:					
reciliar inst					
Remarks:					

 $Team\ leader$

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



Test :	General Purpose Service Robot			RC	@Hom
Team name:					
Referee nam	ne:				
The maximum	n time for this test is 5 minutes.				
Action		Score	1^{st} try	2^{nd} try	3^{rd} try
Main Goal			-	-	
Executing the	task associated with each command	3×400			
Bonus Rewa	ards				
Understanding	g a command given by a non-expert operator	3×100			
Deus Ex Ma	achina Penalties				
Using a custor		3×-50			
Bypassing spe	ech recognition	3×-50			
Instructing a	human to perform parts of the task will apply a	per- 3×-400			
centage penalt	ty according to similar penalties in other Stage I to	ests.			
Special Pena	$alties~ {\mathfrak C}~Bonuses$				
Not attending		-500			
Using alternat	ive start signal	-100			
Outstanding p	performance	150			
$Score\ per\ tr$	y	1500			
m. 4 - 1 C		1050			
Total Score Remarks:		1650			
itemarks.					

 $Team\ leader$



T4.	Description			RC	boCup @Home
Test:	Receptionist				
Team name:					
Referee name:					
The maximum tin	ne for this test is 5 minutes.				
Action		Score	1^{st} try	2^{nd} try	3^{rd} try
$\overline{Main~Goal}$					
Guide the guest to	the other guests (navigate to the guest group)	2×15			
Look in the direct	ion of navigation or at the navigation goal	2×50			
Introduce a new g	uest to every other guest and the host	2×50			
Offer a free seat to	the new guest	2×100			
Look at the person	n talking	2×25			
Look at the person	n the robot is introducing the guest to	2×50			
=	social performance	50			
Bonus Rewards	•				
Open the entrance		2×100			
=	guest to the second guest (per corect attribute)	4×30			
	guest to the second guest (per incorrect attribute)	4×-30			
Penalties	O	,			
	mation was memorized (continue with wrong name	-50			
,	priate gaze (away from conversational partner)	-50			
= =	t in the direction of the navigation while moving.	-10			
Deus Ex Machi					
Alternative HRI		2×-75			
Not recognizing p	eople	2×-200			
Special Penaltie	-	,			
Not attending	S C Donases	-500			
Outstanding perfo	ormance	95			
	A TANKATACO				
Score per try		950			
Total Score		1045			
Remarks:					
Date & time			Team le	eader	



Test:	Serve the Breakfast				@Home
Team name:					
Referee name:					
The maximum ti	me for this test is 5 minutes.				
Action		\mathbf{Score}	1^{st} try	2^{nd} try	3^{rd} try
$\overline{Main~Goal}$					
Initial navigation	to pick up area	15			
=	and categorizing it correctly (visualize or say)	4×15			
	fast items for transportation to the table	4×50			
	items on the table	4×50			
Pouring cereal in		300			
Bonus Reward					
Pouring milk into		300			
Placing a spoon		100			
Penalties					
	oping an object on the table	4×-30			
Spilling cereal wh		-100			
Spilling milk whi		-100			
Deus Ex Mach	•	100			
Pointing at an ob		4×-5			
=	ct over to the robot	4×-50			
= -	an object on the table	4×-50			
	g cereal in the bowl	-300			
Special Penalti	_	000			
Not attending	es O Domases	-500			
Using alternative	start sional	-100			
Outstanding perf	_	117			
	OTHER		_ 		
Score per try		1175			
Total Score		1292			
Remarks:					
Date & time		-	Team le	eader	



Test:	Storing Groceries			Ro	@Home
Team name:					
Referee name:					
The maximum tin	ne for this test is 5 minutes.				
Action		Score	1^{st} try	2^{nd} try	3^{rd} try
Main Goal				·	· · · · · · · · · · · · · · · · · · ·
Navigating to the		15			
	and categorizing it correctly	5×15			
	ect for transportation to the cabinet	5×50			
Perceiving object handled object sh	s in shelf and saying on which layer the current 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	r				
Opening the cabin	net door without human help	200			
Picking up a tiny	object	70			
Placing a tiny obj	iect	30			
Picking up a heav	y object	70			
Placing a heavy o	bject	30			
Deus Ex Machi	ina Penalties				
A human handing	g 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			
		· · · · · · · · · · · · · · · · · · ·			
Score per try		1140			
Total Score		1254			
Remarks:					
$Date \ \mathcal{E} \ time$	Referee		Team le	eader	



Test:	Clean the Table				@Ноте
Team name:					
Referee name:					
The maximum t	ime for this test is 10 minutes.				
Action		Score	1^{st} try	2^{nd} try	3^{rd} try
$\overline{Main~Goal}$					
	table to pick up items	15			
_	re (cup, bowl) for transportation to the dishwash				
_	te for transportation to the dishwasher	50			
	ry (spoon, fork) for transportation to the dishwa				
	eware and cutlery inside the dishwasher	5×50			
_	-				
in the dishwashe	correctly (cleanable, convenient like a human wer	70u1a) 5×50			
Bonus Reward	ds				
Pulling out the	dishwasher rack	100			
Pushing in the d	lishwasher rack	100			
Opening the disl		200			
Closing the dish		200			
0	lishwasher tab for transportation to the dishwash				
	washer tab inside the dishwasher's hatch intende				
the tab		200			
Deus Ex Mach	hina Penalties				
Handing tablewa	are over to the robot	2×-40			
Handing plate o	ver to the robot	-50			
Handing cutlery	over to the robot	2×-80			
Having a human	place an object in the dishwasher	5×-50			
Special Penalt	ies & Bonuses				
Not attending	20104000	-500			
Using alternative	e start signal	-100			
Outstanding per	_	170			
	Tormance				
Score per try		1705			
Total Score		1875			
Remarks:					
Date & time			Team le	eader	

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



Test:	Enhanced General Purpose Service R	obot			@Home
Team name:					
Referee name:					
The maximum tir	me for this test is 10 minutes.				
Action		Score	1^{st} try	2^{nd} try	3^{rd} try
$\overline{Main~Goal}$		56616	1 013	2 013	
	state an encountered problem	3×150			
Solve a problem		3×650			
Deus Ex Mach	ina Penalties				
Asking for location	on of a problem	3×-200			-
_	nan to perform parts of the task will ccording to similar penalties in other S				
Special Penaltic	es & Bonuses				
Not attending		-500			
Using alternative		-100			
Outstanding perfe	ormance	240			
Score per try		2400			
Total Score		2640			
Remarks:					

 $Team\ leader$



				Ro	boCup @Home
Test:	Restaurant				@Home
Team name:					
Referee name:					
Maximum tir	me:			15	minutes
Action		Score	1^{st} try	2^{nd} try	3^{rd} try
$\overline{Regular\ Reward}$					
Detect calling or v		2×100			
Reach a customer	's table without prior guidance/training	2×100			
Take an order.		2×300			
Serve an order.		2×300			
Qualitative robot	social performance	50			
$Bonus\ Rewards$					
Use an unattached	d tray to transport	2×200			
$Regular\ Penalti$	les				
	ontact when taking an order	2×-100			
Deus ex Machin					
Being guided to a		2×-200			
	an 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	d where is a table $/$ $Kitchen$ -bar	2×-100			
$Special\ Penaltie$	$es {\it \& Bonuses}$				
Not attending		-500			
Using alternative	start signal	-100			
Outstanding perfo	ormance	205			
Score per try		2050			
Total Score		2255			
Remarks:					
Date & time	$\overline{Referee}$		Team le	ader	

 $Team\ leader$



Test:	Stickler for Rules			RC	©Ноте
Team name:					
Referee nam					
Maximum 1	time:			10	minutes
Action		Score	1^{st} \mathbf{try}	2^{nd} try	3^{rd} try
Regular Reu	vards				
	st breaking a house rule (indicating the rule be ntact, politely clarify to the guest what action	- '			
	the guest is following the rule.	4×200			
Bonus Rewa		4/200			
	ontact, politely clarify to the guest what rule	e is being 4×100			
Regular Pen	calties				
Talking to a g	uest about a rule they are not breaking	4×-100			
	china Penalties				
	cts the robot towards a guest who is breaking				
A human tells	the robot which rule is being broken	4×-100			
-	$alties {\it \& Bonuses}$				
Not attending		-500			
_	ive start signal	-100			
Outstanding p	performance	200			
Score per tr	y	2000			
Total Score		2200			
Remarks:					
Date & time	$\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$		Team le	eader	



$\Gamma\!\mathrm{est}$:	Final Demonstration — Jury Evaluation	@Home
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 \mathcal{E} time	Referee	$Team\ leader$
RoboCup@H	ome Forms & Score Sheets / Draft version for Rob	oCup 2025 (Revision 2024-00 30 1)

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



Test:		Final Demonstration	on — Executive Committee		@Home
Team na	ame:				
Referee					
Instruct	ions:				
 At t Afte You Ent 	the end cer demon to may use er 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 or @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					
Remarks	s:				

 $Team\ leader$