

Instructions

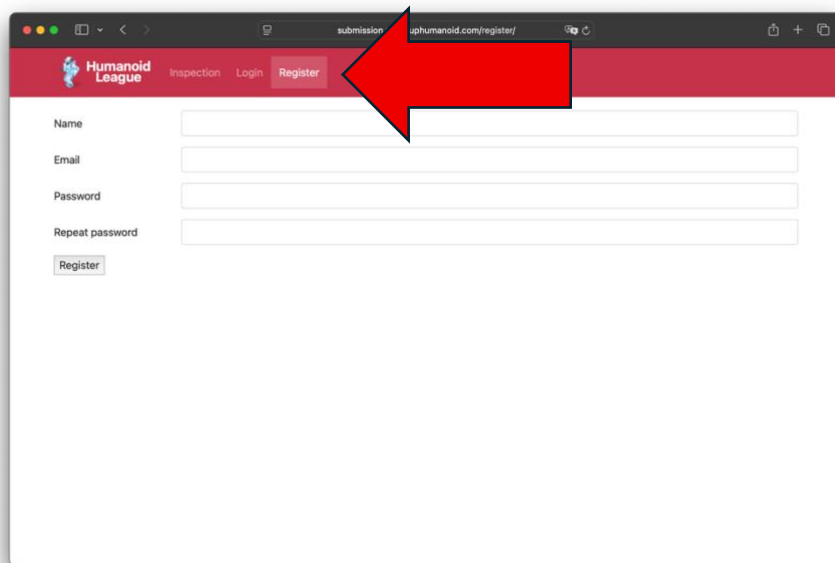
Pre Application for the Humanoid Soccer League

The Pre application for the HSL is a simple process, with very few information needed.

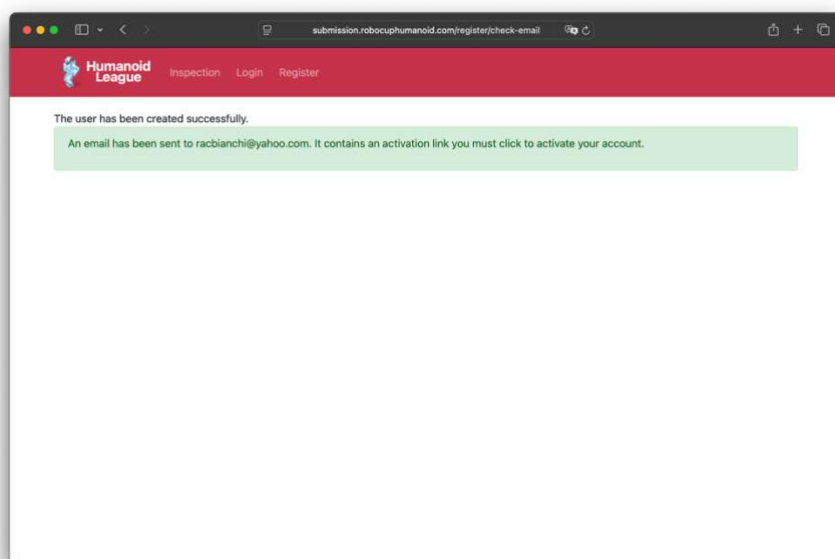
First, go to our HSL Submission Site at:

<https://submission.robocuphumanoid.com/>

If you have never registered in this site, please do so by clicking in the Register Field at the top:

A screenshot of a web browser showing the registration page for the Humanoid League. The page has a red header with the 'Humanoid League' logo and navigation links for 'Inspection', 'Login', and 'Register'. Below the header, there is a registration form with fields for 'Name', 'Email', 'Password', and 'Repeat password'. A 'Register' button is located at the bottom left of the form. A large red arrow points from the 'Register' button in the header to the 'Register' button in the form.

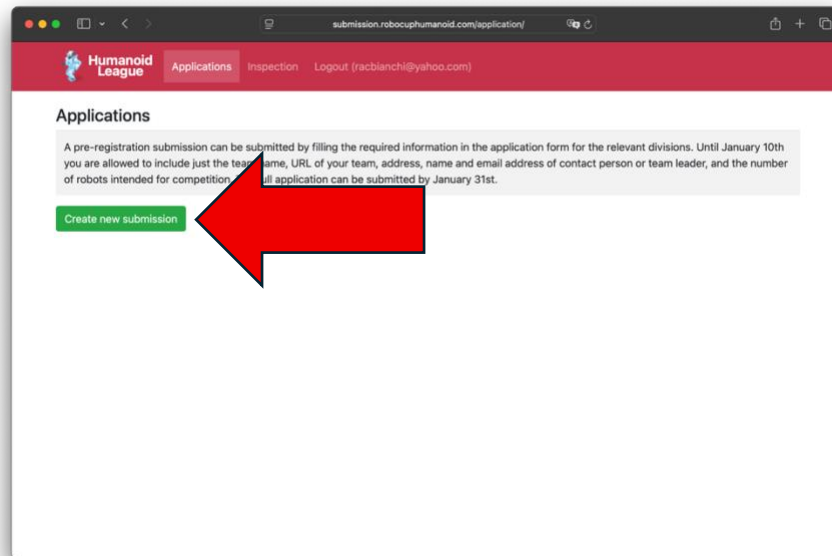
After register you will see this message and receive a confirmation email.

A screenshot of a web browser showing a confirmation message. The page has a red header with the 'Humanoid League' logo and navigation links for 'Inspection', 'Login', and 'Register'. Below the header, there is a green message box that reads: 'The user has been created successfully. An email has been sent to racbianchi@yahoo.com. It contains an activation link you must click to activate your account.'

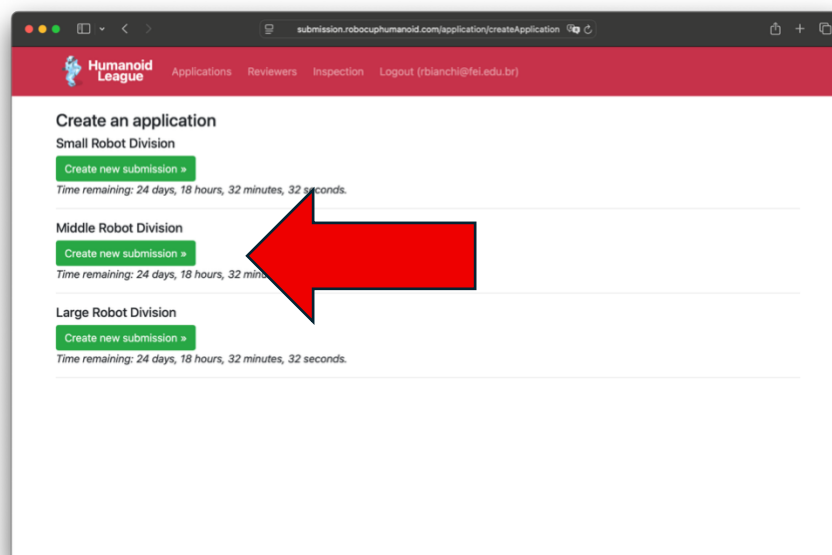
Please confirm the email, and you will see a message confirming the account activation.

Now you can log in into the system. Do it by clicking in the “Login” field at the top.

The system will go directly to the application page, where you can create a new submission by clicking in “create new Submission”:



After clicking on this button, you will have to choose for which division the application is. If you will be competing in more than one division, you need to create different submissions for each division. For example, I will create an application for the Middle division:



The time remaining is the time until the full submission of all the material, which is on January the 31st.

After selecting the division, you need to fill out some basic information about the team.

The screenshot shows a web browser window with the URL `submission.robocuphumanoid.com/application/new/5`. The page title is "Create new Application in Middle Robot Division league". A yellow banner at the top indicates a time limit: "Time remaining to create this application: 24 days, 18 hours, 32 minutes, 26 seconds." The form is divided into sections: "Team data" and "Video". The "Team data" section includes fields for "Team name" (RoboFEI Middle), "Team tag" (robofeimid), "Team countries" (Brazil), "Team leader name" (Reinaldo Bianchi), "Team leader e-mail" (rbianchi@fei.edu.br), "Website (english)" (fei.edu.br/robofei), and "Address" (São Bernardo do Campo - São Paulo - Brazil). The "Video" section includes a "Video URL (YouTube)" field. The "Address" field is highlighted with a red border.

And you also need to inform with how many robots the team intend to participate. This is not the final number of robots you will be taking to Incheon, and not counting on the robots that will be available at the robot pool provided by the companies:

The screenshot shows the same web browser window, but the "Robots count" section is highlighted. This section includes two dropdown menus: "Number of robots you have currently available" (set to 4) and "Number of robots you intend to bring to the competition" (set to 4). The "Number of robots you intend to bring to the competition" dropdown is highlighted with a red border. Below this section is the "Software description" section, which contains a blue box with instructions: "Please fill out the survey about your team by clicking [here](#). If you can not reveal some information due to it being proprietary, please indicate in the specific field. Please open the link in a separate window or TAB without closing this window, and then please come back here to complete your application." The "Questions" section is partially visible at the bottom, with the question "Would you be willing to be a mentor for a new team in 2026?".

Finally, scroll down to the end of the page and click on save:

The screenshot shows a web browser window with the URL `submission.robocuphumanoid.com/application/new/5`. The page is titled "Humanoid League" and has navigation links for "Applications", "Reviewers", "Inspection", and "Logout (rblanchi@fei.edu.br)". The main content area asks "Are you intending to participate in the Technical Challenges in 2026?" with radio buttons for "None" (selected), "Yes", and "No". Below this is a "Reviewers" section with a text box for "Reviewers e-mails, comma separated" and another for "If any, specify teams with which you have conflicts of interest". A large red arrow points to a "Save" button. At the bottom, there is a "Global system description (PDF)" section with a "Browse..." button and a "back to list" link.

With these steps the pre-application is finished. You will notice that you are able to log in back to the system to complete all the other information, until the deadline for the submission of all the qualification material.

I hope this helps for the pre-application.

For the full qualification, the most common question is about the “Hardware Specification” document. If you are using an unmodified commercial robot, just submit the datasheet of the robot. For example, if you are using Booster T1, you can just submit the “Product Specification” found at Booster site here:

<https://booster.feishu.cn/wiki/XAS3wv4lwiSiXXkDbMrceE6UnHc>

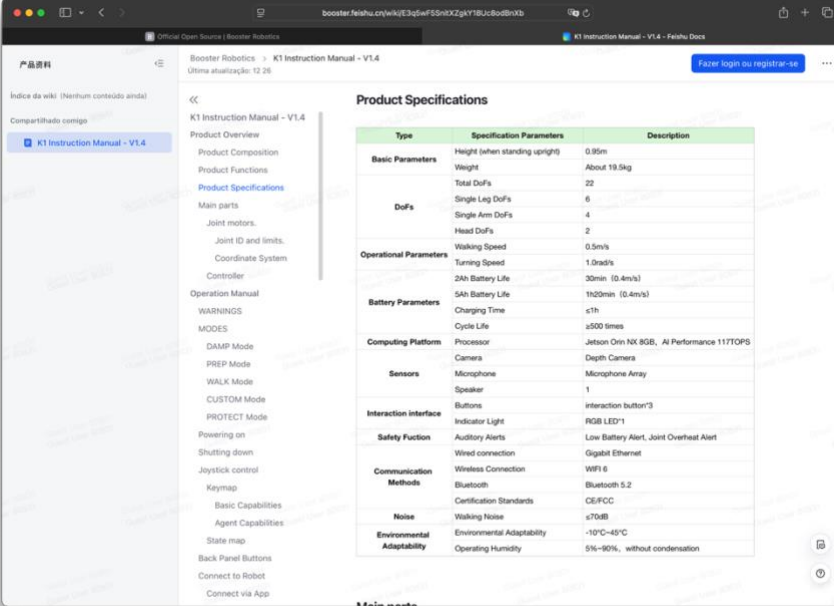
The screenshot shows a web browser window displaying the "T1 Instruction Manual - V1.4" document. The document is titled "Product Specifications" and contains a table with the following data:

Type	Specification Parameters	Description
Basic Parameters	Height (when standing upright)	1.18m
	Weight	About 30kg
	Total DoFs	23
	Single Leg DoFs	6
DoFs	Single Arm DoFs	4 (expandable)
	Waist DoFs	1
	Head DoFs	2
	Walking Speed	0.5m/s
Operational Parameters	Turning Speed	1.5rad/s
	Battery Life	1.5h
Battery Parameters	Charging Time	≤2h
	Cycle Life	≥500 times
Computing Platform	Basic	AGXOrinX1
	Standard	AGXOrinX1
Sensors	Camera	Depth Camera
	Microphone	Microphone Array
Safety Function	Robot Emergency Stop	1
	Auditory Alerts	Low Battery Alert, Joint Overheat Alert
Communication Methods	Wireless Connection	WiFi 6
	Bluetooth	Bluetooth 5.2
Noise	Certification Standards	CE/FCC
	Walking Noise	≤70dB
Environmental Adaptability	Environmental Adaptability	-10°C~45°C
	Operating Humidity	5%~90%, without condensation

It has the complete information about the robot.

For the K1 it is here:

<https://booster.feishu.cn/wiki/E3q5wF5SnitXZgkY18Uc8odBnXb>



Product Specifications

Type	Specification Parameters	Description
Basic Parameters	Height (when standing upright)	0.95m
	Weight	About 19.5kg
	Total DoFs	22
DoFs	Single Leg DoFs	6
	Single Arm DoFs	4
	Head DoFs	2
Operational Parameters	Walking Speed	0.5m/s
	Turning Speed	1.0rad/s
	2Ah Battery Life	30min (0.4m/s)
Battery Parameters	5Ah Battery Life	1h20min (0.4m/s)
	Charging Time	<1h
	Cycle Life	≥500 times
Computing Platform	Processor	Jetson Orin NX 8GB, AI Performance 117TOPS
	Camera	Depth Camera
Sensors	Microphone	Microphone Array
	Speaker	1
	Buttons	interaction button*3
Interaction Interface	Indicator Light	RGB LED*1
	Auditory Alerts	Low Battery Alert, Joint Overheat Alert
Safety Function	Wired connection	Gigabit Ethernet
	Wireless Connection	WiFi 6
Communication Methods	Bluetooth	Bluetooth 5.2
	Certification Standards	CE/FCC
Noise	Walking Noise	≤70dB
	Environmental Adaptability	-10°C~45°C
Environmental Adaptability	Operating Humidity	5%~90%, without condensation

For the Unitree robots, these specifications are at the end of the web page of each robot:

<https://www.unitree.com/H2>

<https://www.unitree.com/R1>

<https://www.unitree.com/g1>

<https://www.unitree.com/h1>

If you have other commercial robots, please contact your sales agent for the specifications.

If you have any questions, please feel free to contact us at Official Robocup Discord:

<https://discord.gg/JKVwePEf>

Best regards,

Reinaldo

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