



## Virtual RoboCup Asia-Pacific 2020

# Newsletter #1

(RCAP CoSpace Rescue & Grand Prix Leagues)

Dear Participants,

Welcome to Virtual RoboCup-Asia Pacific 2020. Please read this newsletter carefully.

### 1. Main Schedule

S/N	Time	Program
1 <sup>st</sup> Submission		
1	4 Sept 2020	Submission of PPT and 1st video presentation. U19 and University groups need to submit TDP.
Warm-up		
2	GMT 00:00 on 5 Sept 2020	Download warm-up maps. Link: <a href="https://cospacrobot.org/competition/vrcap2020">https://cospacrobot.org/competition/vrcap2020</a>
3	GMT 00:00 - 23:59 on 5 Sept 2020	AI and Result (.ics file) submission. Link: <a href="https://cospacrobot.org/competition/vrcap2020">https://cospacrobot.org/competition/vrcap2020</a>
4	GMT 23:59 on 5 Sept 2020	Submission channel is closed.
Preliminary		
5	GMT 00:00 on 12 Sept 2020	Download preliminary maps. Link: <a href="https://cospacrobot.org/competition/vrcap2020">https://cospacrobot.org/competition/vrcap2020</a>
6	GMT 00:00 - 23:59 on 12 Sept 2020	AI and Result (.ics file) submission. Link: <a href="https://cospacrobot.org/competition/vrcap2020">https://cospacrobot.org/competition/vrcap2020</a>
7	GMT 23:59 on 12 Sept 2020	Submission channel is closed.
Finalists		
8	18 September	Announcement of finalists
9	23 September	2nd video presentation submission by finalists
9	26 OR 27 Sept 2020	Online interview for finalists
Finals		
10	3 Oct 2020	Finals (via Zoom)
Award Ceremony on 11 October 2020		

## 2. Preparation (from now – 4 Sept 2020)

- Be sure that you have received Team ID and CoSpace simulator activation code. If not, please contact [cospace@robocupap.org](mailto:cospace@robocupap.org) immediately.
- Please download and install the **latest version (V2.6.7)** of the simulator for your own league.
  - RCAP CoSpace Grand Prix:  
<https://cospacerobot.org/download/documents/category/1-software?download=85:cospacegp2020-20-2-6-7-trn>
  - RCAP CoSpace Rescue:  
<https://cospacerobot.org/download/documents/category/1-software?download=86:rcap-cospacerescue-2020-v2-6-7>
- Use the activation code sent to you to activate the CoSpace simulator after successful installation.

The following videos will show you how to install and check the version of your simulator:

- For RCAP CoSpaceRobot GP category: <https://youtu.be/dPV42tM3TYc>
- For RCAP CoSpaceRobot Rescue category: <https://youtu.be/WawKDX-Dde0>

*If you need more video guidance*, please refer to the resources shared by the RCAP Academy YouTube Channel: <https://www.youtube.com/RCAPAcademy>

*You may also refer to the CoSpace forum for Q&A*: <https://cospacerobot.org/support/q-a>

## 3. 1st Submission by 4 Sept 2020

All teams are required to submit PPT and 1st video presentation. U19 and University groups are required to submit TDP.

What should be included in TDP and video presentation? Please refer to the following:-

- TDP guideline:  
[https://2020.robocupap.org/wp-content/uploads/2020/07/VRCAP2020\\_TDP\\_Template.pdf](https://2020.robocupap.org/wp-content/uploads/2020/07/VRCAP2020_TDP_Template.pdf)
- PPT and Video guideline:  
[https://2020.robocupap.org/wp-content/uploads/2020/07/VRCAP2020\\_Presentation\\_1-Outline.pdf](https://2020.robocupap.org/wp-content/uploads/2020/07/VRCAP2020_Presentation_1-Outline.pdf)

Please zip-up all your materials and upload it to cloud drive and send the download link to [cospace@robocupap.org](mailto:cospace@robocupap.org). In the email subject, it is **mandatory** to specify your Team ID for easy tracking.

## 4. Pre-challenge Warm-up Activity on 5 September 2020 (Saturday)

The main purpose of the pre-challenge warm-up activity is to prepare you to get familiar with the CoSpace virtual challenge procedures.

- ***Time/Duration***

The warm-up will last for 24 hours from 0:00 to 23:59 GMT on 5 September 2020.

GMT Current time & time conversion: <https://greenwichmeantime.com/current-time/>

- **Warm-up Tasks**

- Task 1 – Download and install the warm-up map:

The warm-up map will be released at GMT 0:00 on 5 September 2020.

Download link: <https://cospacerobot.org/competition/vrcap2020>

After the installation, you can access the warm-up activity map via the following route:

S/N	Category	How to access ...
1	RCAP CoSpace Grand Prix, FirstSteps U12	<ul style="list-style-type: none"> <li>➤ Learn</li> <li>➤ I-FirstSteps</li> <li>➤ iCool Challenge</li> </ul>
2	RCAP CoSpace Grand Prix, U12	<ul style="list-style-type: none"> <li>➤ Learn</li> <li>➤ II-Intermediate</li> <li>➤ iCool Challenge</li> </ul>
3	RCAP CoSpace Grand Prix, U19	<ul style="list-style-type: none"> <li>➤ Learn</li> <li>➤ III-Advanced</li> <li>➤ iCool Challenge</li> </ul>
4	RCAP CoSpace Rescue, FirstSteps U12	<ul style="list-style-type: none"> <li>➤ Sub-league: CoSpace Rescue FS</li> <li>➤ Content Library: ICOOL CoSpace Rescue FirstSteps Map</li> </ul>
5	RCAP CoSpace Rescue, FirstSteps U19	<ul style="list-style-type: none"> <li>➤ Sub-league: CoSpace Rescue FS</li> <li>➤ Content Library: ICOOL CoSpace Rescue FirstSteps Map</li> </ul>
6	RCAP CoSpace Rescue, U12	<ul style="list-style-type: none"> <li>➤ Sub-league: CoSpace Rescue U12</li> <li>➤ Content Library: ICOOL CoSpace Rescue U12 Map</li> </ul>
7	RCAP CoSpace Rescue, U19	<ul style="list-style-type: none"> <li>➤ Sub-league: CoSpace Rescue U19</li> <li>➤ Content Library: ICOOL CoSpace Rescue U19 Map</li> </ul>

8	RCAP CoSpace Rescue, University	<ul style="list-style-type: none"> <li>➤ Sub-league: CoSpace Rescue U19</li> <li>➤ Content Library: ICOOL CoSpace Rescue U19 Map</li> </ul>
9	RCJ RESCUE SIMULATION	<ul style="list-style-type: none"> <li>➤ Sub-league: CoSpace Rescue U19</li> <li>➤ Content Library: ICOOL CoSpace Rescue U19 Map</li> </ul>

○ Task 2 – Write your own code:

Please set the project name to be the same as the team ID sent by the organiser. Please do not create your own team ID or project name! You can use your own team name.

○ Task 3 – Upload “.ics” file to Online Challenge server at the end of activity:

- Create and upload the “.ics” file and upload it to:  
<https://cospacerobot.org/competition/vrcap2020>
- A confirmation email will be sent to you upon successful uploading.

The step-by-step guidance on warm-up activities below will help to complete the warm-up activity with an ease.

1	Guide to a smooth International CoSpace Online Challenge (CoSpace GP)	<a href="https://youtu.be/vPpezaXgxOM">https://youtu.be/vPpezaXgxOM</a>
2	Guide to a smooth International CoSpace Online Challenge (CoSpace Rescue)	<a href="https://youtu.be/i14LQLi8hBQ">https://youtu.be/i14LQLi8hBQ</a>

If you need more video guidance, please refer to the resources shared by the RCAP Academy YouTube Channel: <https://www.youtube.com/RCAPAcademy>

You may also refer to the CoSpace forum for Q&A :  
<https://cospacerobot.org/support/q-a>

Please contact [cospace@robocupap.org](mailto:cospace@robocupap.org) should you have any questions during the warm-up activity.

## 5. Preliminary Challenge on 12 September 2020 (Saturday)

- **Time/Duration**

Due to the time difference around the world, we will have **CoSpace-24 hours to complete this task**. The challenge time will be from GMT 00:00 to 23:59 on 12 September 2020.

- **Download the Preliminary Challenge Map**

Download and install the preliminary challenge map, which will be released at GMT 00:00 on 12nd September 2020.

Download link: <https://cospacerobot.org/competition/vrcap2020>

- **Write Your Own Code**

- Write your own code. Same as the warm-up activity, use the Team ID sent by the organiser. **Set the project name to be the same as the team ID. Please do not create your own team ID or project name!** You can use your own team name.

- **Submission**

- Upload “.ics” file to the Online Challenge server between GMT 00:00-23:59 on 12 September 2020
- Upload link: <http://cospacerobot.org/competition/vrcap2020>

Please note:

1. The procedure will be the same as that of the pre-challenge warm-up activity.
2. You are allowed to have multiple submissions. You need to clearly indicate the AI version in each submission. The organiser will only take **the last submission** as your final submission.
3. Participants are required to submit the program (ics format) through the <https://cospacerobot.org/competition/vrcap2020> between GMT 00:00-23:59 on 12 September 2020;

## 6. Who will be qualified for the Finalists?

Teams will be evaluated based on preliminary challenge result, TDP (U19 and University only) and videos submitted. The finalist will be announced on 18 September.

## 7. 2nd Video Submission by 23 September

All finalists are requested to submit the 2nd video to share their learning experiences and strategies used in coding. All presentations must be in English. The video will be shared with all participants through the RCAP Academy YouTube channel. Details will be announced un due course.

## 8. Interview

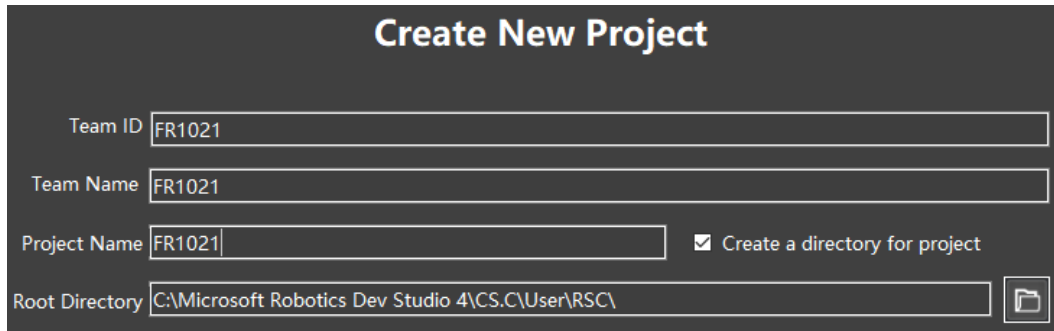
All finalists will be interviewed by the RCAP Technical and Organising Committee members. Online interview for Finalists (10 – 20 minutes). Interview schedules will be released later.

## 9. Finals on 3 October 2020 (Saturday)

The finals will be taken via Zoom. The detailed schedule will be announced on the official RCAP website: <https://2020.robocupap.org/>.

## 10. Important Notes

- The organiser will issue a Team ID. Please set the project name to be the same as Team ID.
- Other Team ID and project name are not acceptable. For example, if the Team ID is FR1021, that means Team ID and Project Name will all be FR1021.



- Rename the “.ics” file name. The name should follow the following format: Team ID\_Team Name\_Version Number.

For example, If the participant's information is as follows,

- Team ID: FR1021
- Team Name (Up to 3 characters): Dav
- This is the 3rd submission (Version 3)

In this case, the ics program file name should be “**FR1021\_Dav\_V3.ics**”

- Teams who have successfully submitted the “.ics” file will receive a confirmation email from the organizing committee;
- Challenge rules for each category: <https://cospacerobot.org/competition/vrcap2020>

## 11. Further information

Please follow our official social media accounts for our latest updates!

### CoSpaceRobot

1. facebook.com/cospacerobot
2. instagram.com/cospacerobot
3. twitter.com/cospacerobot

### RoboCup Asia-Pacific

1. facebook.com/robocupap
2. instagram.com/robocupap
3. twitter.com/robocupap

If you have any questions, please contact us at: [cospace@robocupap.org](mailto:cospace@robocupap.org)

Sincerely,

**RoboCup Asia-Pacific (RCAP) CoSpace Challenge Organising Committee**