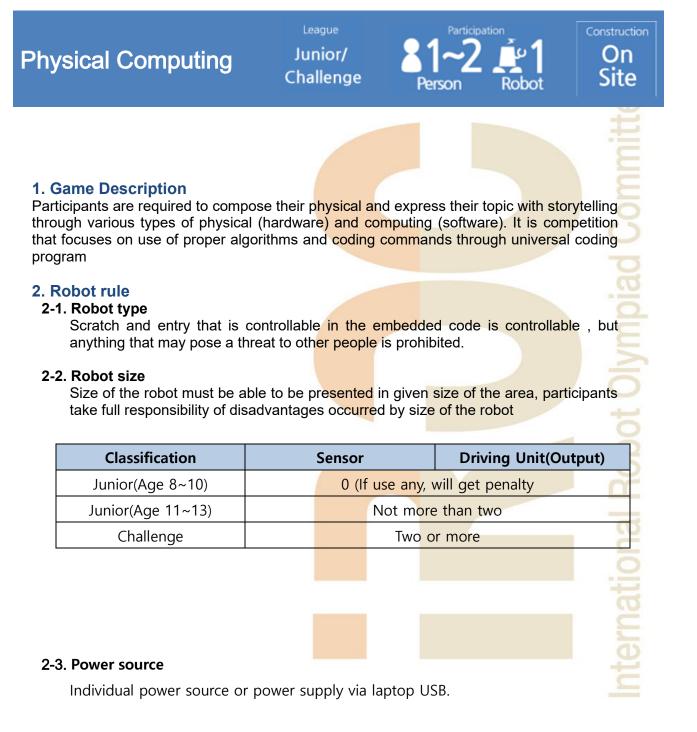
*Attention: Please be aware that this is provisional version of the rules, there may be some changes. Specially testing material of size and weight is till on progress, there will be new updates.



2-4. Size: No restriction in space, any problem caused by robot size is under responsibility of individual



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3. Playfield Regulation

3-1. Stadium: If operated online, there is no specific stadium. However, tripod must be prepared for conference call ZOOM, to make sure presenter and robot can be seen well on the screen.

3-2. Space: Participants can use freely under his/her judgement.

4. Competition

4-1. Main Theme

Main theme will be posted on the website, and the sub theme will be given on the competition day.

4-1-1. Example of theme

Main Theme	Sub Theme	C					
Diamimatia	▶ Robot Making people to enjoy life and their spare time						
Biomimetic	▶ Robot Helping office workers to increase their work efficiency						
	► Robot Working in place where people can't						
	► Robot recovering patient and helping disabled						
	▶ Robot for grandmother						
The robot for	► Robot for housewife						
the woman kind	► Robot for mother						
	► Robot for pregnant						
	► Robot for sister						
4-1-2. Main the	me of 2020						
		-					

"Robot: The Future Transportation"

4-2. Robot and Laptop Inspection.

4-2-1. Robot Inspection: The understanding of the driving technology and coding is reviewed intensively, and extra robot inspection will not be conducted over Robot Olympiad Committee Copyright©, All right Reserved.

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- **4-2-2. Laptop Inspection:** The understanding of the driving technology and coding is reviewed intensively, and extra laptop inspection will not be conducted
- 4-3. Construction Time: Maximum 4 hours.

Each time will control their own production, planning and editing time within 4 hours.

4-4. **Submit:** After constructing robot, hand in production plan and coding file to the HQ.

Submit date: TBA Email: support@iroc.org

- 4-5 Presentation
- 4-5-1. Judges will evaluate according to presentation and robot's movement. If there are any delays due to participant's fault. Points will be deducted. His/her presentation order will be postponed.
- 4-5-2. During presentation, modification of robot is prohibited. In case of inevitable battery replacement or component damage, repair is admitted with the permission and observation of the judges or staff.
- 4-5-3. Judge can ask question to the participation during presentation. If failed to answer properly, points can be deducted.
- 4-5-4. Points will be deducted for participant whom with insincere attitude toward the competition.

5. Evaluation and Rank decision

5-1. Evaluation criteria

Judges will evaluate according to below criteria, and will sum up the points to decide final rank.

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nal Robot Olympiad C

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Story matching	Creativity	Use of Physical	Robot Motion	Robot Motion	Cooperat ion	Use of coding (Variable, List, Function))	Expression (Display, Sound
0/10	0/10	2/4/6/8/10	2/4/6/8/10	2/4/6/8/10	2/4/6/8/10	6/12/18/24/30	2/4/6/8/10

5-1-1. When aggregating the score, the highest and lowest scores are excluded from the final score.

5-2. Draw

If points are draw, rank will be decided by the following.

- 5-2-1. No.1: Result with no deductive point will have higher rank than below
- 5-2-2. No.2: Result with higher use of coding will have higher rank than below
- 5-2-3. No.3: Result with higher use of storyboard will have higher rank than below.
- 5-2-4. No.4: If both teams still have earned same point. It will be accepted as the same rank.

