



NKFUST

# 2016 RCJ Taiwan Open Coach Meeting

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## Outline

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- 2016 RCJ新規定
- 循跡競賽規則
- 跳舞競賽新規則
- 足球競賽新規則
- RCJ Taiwan未來規劃



## RCJ 2016新規定

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- 提高初級組(Primary)的下限年紀
  - 2016 (Germany) - 11 year-old
  - 2017 (Japan) - 12 year-old
  - 2018 (TBA) - 13 year-old
  - 2019 (Australia) - 14 year-old
- Maximum team size
  - 6 members



## 循跡競賽規則

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- 初級組與高級組使用相同場地
  - 台灣地圖



## 跳舞競賽新規則

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- 跳舞改成OnStage
  - 競賽方式、評分方式很大變化
- OnStage的成績分三項：
  - Performance Score
  - Technical Interview Score
  - Open Technical Demonstration Score



## 足球競賽新規則

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- Soccer可以使用Camera
  - 兩隊同意可使用Passive orange ball
  - 若一隊不使用Camera，則使用一般的球
  - 要使用Passive orange ball請自行準備

### 2. ROBOTS

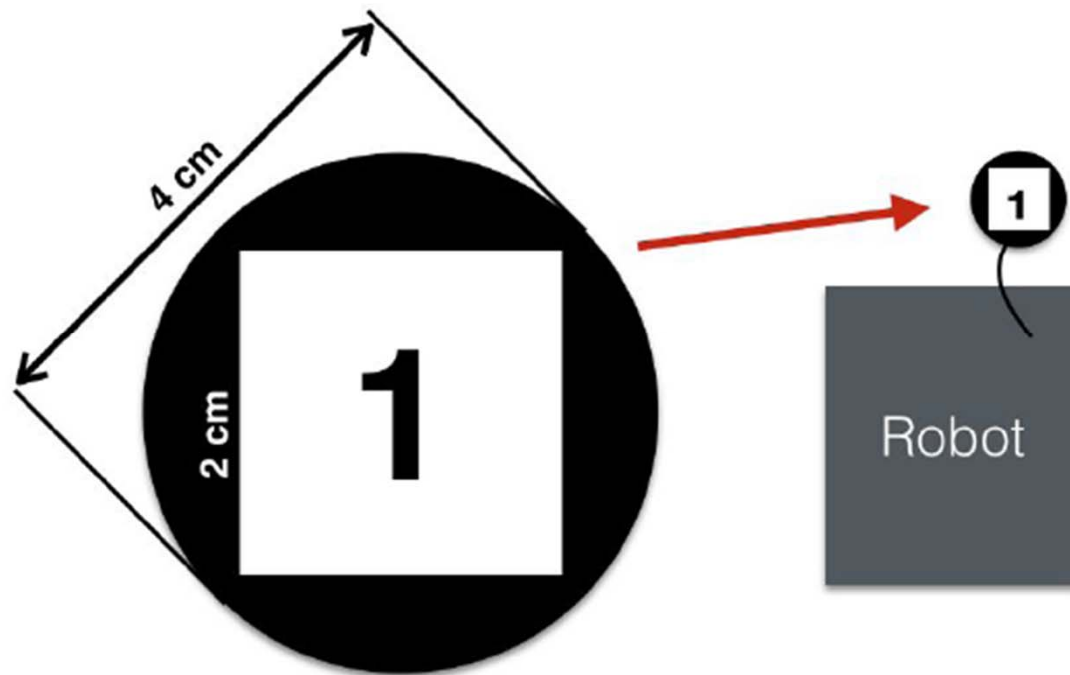
We are discussing general rules using the RCJ-05 electronic ball. Use of a passive orange ball will be tested and evaluated in games outside of the regular games. However, if teams wish to use vision-equipped robots during regular games, they should be allowed to do so.

A regular game could be played using the passive orange ball if both teams involved in the match are in agreement.



## 足球競賽新規則

- 機器人必須要有Top Marker，方便裁判區分
  - Easily replaceable set of 1-4 number markers





## 足球競賽新規則

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### ● 特殊說明

- \* The handle and the **top markers** of a robot may exceed the height.
- \*\* The weight of the robot includes that of the handle **and does not include the top Markers.**
- \*\*\* **We encourage teams to include protection circuits for Lithium-based batteries**
- \*\*\* **Voltage limits relate to the nominal values, deviations at the power pack due to the fact that charged will be tolerated**

### ● 提醒

**All commercial omnidirectional lenses/cameras are not permitted.**

**Only omnidirectional lenses/cameras made by students are permitted. Teams using them on their robots must prove how they made them on their presentation poster and at an interview.**





## 足球競賽新規則

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- 要不要即時題目取代面試(Interview)?
  - 若有的話，與競賽成績如何配分？
- 決議：參加隊伍要解兩題
  - 每題10分，解出10分，沒解出0分
  - 競賽成績，第一名80分，第二名75分，第三名70分，第四名65分，第五名60，第六名55分，名次以下的，以此類推
  - 總成績為競賽分數與解題分數加總，並以總成績為最終排名



## RCJ Taiwan未來規劃

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- 如何擴大台灣賽規模？
  - 擴大後才能舉辦更多項目，
  - 例如：Rescue Cospace
  - 因應初級組(Primary)年紀的下限，在2019年提  
升至14歲
- 增加南、中、北各區區域賽