

## Appendix 1

### Total scheme of AndroSot(3vs3)Game rules

1) Organizing committee for FIRA 2008, recommends that the Androids(3vs3) are divided to three group of robots depending on their height:

- Childhood:  $20 \leq \text{height} \leq 40 \text{ cm}$
- Teenager:  $40 < \text{height} \leq 60 \text{ cm}$
- Adult:  $\text{height} > 60 \text{ cm}$

2) From control technique point of view, the AndroSot games are divided to three types:

- Remote control type: Androids play game under the remote control of human.
- Semi-autonomous type: Androids play game like MiroSot using a global vision system, the. Robot action is depended on the outside vision system.
- Full-autonomous type: Android in this type is similar to the human must have embeded vision ,the robot action is depended on the own embeded vision and action decision system.

3) This year will perform five kinds of competitions in AndroSot:

Categories \ Control types	Childhood $20 \leq H \leq 40\text{cm}$	Teenager $40 < H \leq 60\text{cm}$	Adult $H > 60\text{cm}$
Remote control			
Semi-autonomous			
Full-autonomous			

- The rules of game for the remote controlled competition or Semi-Autonomous controlled competition in childhood group are the same as those for 2007 AndroSot (see appendix 2)
- The rules of game for the Semi-autonomous or full-autonomous controlled competition in teenager group are refer the appendix 3.
- The Adult group only permitted to the full-autonomous controlled competition types.